DOCUMENT RESUME

ED 115 870 CE 005 708

TITLE	Fall Department Head Report--Reporting Booklet 2.0 to the Massachusetts Division of Occupational Education (Fiscal Year Ending June 30, 1975) for Auto Mechanics.
INSTITUTION	Management and Information System for Occupational Education, Winchester, Mass.
SPONS AGENCY	Massachusetts State Dept. of Education, Boston. Div. of Occupational Education.
PUB DATE	30 Jun 75
NOTE	214p.; For related documents, see ED 062 553; ED 068-647; ED 072 225; ED 072 228; ED 072 303-304; CE 005 687-727; Instructions for completing the booklet are available in CE 005 701
EDRS PRICE	MF-$0.76 HC-$10.78 Plus Postage
DESCRIPTORS	Annual Reports; *Auto Mechanics; Census Figures; Data Collection; Demonstration Projects; *Educational Objectives; Job Skills; *Management Information Systems; Program Design; Program Evaluation; *Records (Forms); State Programs; Trade and Industrial Education; *Vocational Education
IDENTIFIERS	Census Data System; *Management Information System Occupational Educa; MISOE; Terminal Performance Objectives; TERMOBS

ABSTRACT

The reporting booklet is required for the Census Data System (CDS) of the Management Information System for Occupational Education (MISOE); it contains the reporting forms which collect data that describe program structure and job-entry skill outcomes expected of program completors in the individual occupational education area of auto mechanics. Utilization of instructional area is also determined. This booklet contains the terminal performance objectives (TERMOBS) for this program area. They are actually the forms by which the skills of program completors are reported by department heads. CDS, one of two major subsystems of the integrated management information system, was developed to provide occupational education managers with comprehensive data on which to base rational management decisions. Essentially, CDS contains descriptive information systematically structured in a manner which allows it to be used as a basis for sampling evaluative research studies. CDS collects and stores census data for all school systems offering occupational education programs, including all data formerly collected by the Annual Federal Report for Occupational Information, except followup data. (Author/AJ)

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ED115870

Misoe Number 2 Due Date

Name of School System System ID No.

Name of School School ID No.

Name of Preparer of Report Title Telephone No.

Name of Department or Instructional Area

THE COMMONWEALTH OF MASSACHUSETTS

DEPARTMENT OF EDUCATION

FALL DEPARTMENT HEAD REPORT-REPORTING BOOKLET 2.0

to the

DIVISION OF OCCUPATIONAL EDUCATION
(Fiscal Year Ending June 30, 1975)

for

AUTO MECHANICS

CE 005 708

U.S. DEPARTMENT OF HEALTH, EDUCATION & WELFARE
NATIONAL INSTITUTE OF EDUCATION

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Before filing said statement, the superintendent shall submit it to the chairman of the school committee, who shall countersign it on oath, if, after examination, he finds it correct.
(General Laws Relating to Education 1970: Chapter 72, Sec. 2A, Item 4, and Sec. 3, Item 2)

I hereby certify that all the statements contained in this report are true to the best of my knowledge and belief, and that this is a true statement, made under the penalties of perjury.

THE COMMONWEALTH OF MASSACHUSETTS

DEPARTMENT OF EDUCATION

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I hereby certify that all the statements contained in this report are true to the best of my knowledge and belief, and that this is a true statement, made under the penalties of perjury.

_____ (Date) _____ Superintendent of Schools

_____ (Date) _____ Chairman of School Committee

TABLE OF CONTENTS

		Page
Table 2.I	Enrollment in Final Grade by Student Group and Terminal Objectives (TERMOBs)	2
Table 2.II	Enrollment in Lower Grades by Student Group	6
Table 2.2	Utilization of Student Class Time: Final Grade	10
Table 2.2I	Utilization of Student Class Time: Lower Grades	12
Table 2.3	Utilization of Departmental Instructional Area By Rooms	14

REPORTING TERMINAL PERFORMANCE OBJECTIVES (TERMOBs)

Table T-I	Instructional Division and Unit Outline	T-2
Table T-IA	Additional Instructional Divisions and Units	T-3
Table T-2	TERMOB Division and Unit Outline	T-4
Table T-2A	Additional TERMOB Divisions and Units	T-5

TERMOBs

Table T-3	List of Basic Supplies	T-152
Table T-4	Additional TERMOB Performance Statements	T-154
Index of TERMOB Statements		T-156

MISOE Number

Table 2.1 Enrollment In Final Grade by Student Group & Terminal Objectives (TERMOB)

	1	2	3
1.	Grade		
2.	Student Group Name and Number	101	102
3.	USOE Code(s)		
4.	Level Code		
5.	Type Code		
6.	Session Code		
7.	Program Length (Years)	<1 1 2 3 4	<1 1 2 3 4
8.	Cooperative	Yes No	Yes No
9.	Workstudy	Yes No	Yes No
10.	Exploratory	Yes No	Yes No
11.	Instructors and Teacher's Aides		
	A. Full Time		
	B. Percentage of Time		
12.	Enrollment	Male / Female	Male / Female

TERMOB Applicability

13.	TERMOB Numbers							

4.	Level Code		
5.	Type Code		
6.	Session Code		
7.	Program Length (Years)	<1 1 2 3 4	<1 1 2 3 4
8.	Cooperative	Yes No	Yes No
9.	Workstudy	Yes No	Yes No
10.	Exploratory	Yes No	Yes No
11.	Instructors and Teacher's Aides		
	A. Full Time		
	B. Percentage of Time		
12.	Enrollment	Male / Female	Male / Female

TERMOB Applicability

13. TERMOB Numbers	

Misoe Number

Table 2.1 (Cont'd) Enrollment in Final Grade by Student Group

	4	5	6
1.			
2.	103	104	105
3.			
4.			
5.			
6.			
7.	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4
8.	Yes No	Yes No	Yes No
9.	Yes No	Yes No	Yes No
10.	Yes No	Yes No	Yes No
11.			
12.	Male Female	Male Female	Male Female

TERMOB Applicability

13.	

4.			
5.			
6.			
7.	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4
8.	Yes No	Yes No	Yes No
9.	Yes No	Yes No	Yes No
10.	Yes No	Yes No	Yes No
11.			
12.	Male Female	Male Female	Male Female

TERMOB Applicability

13.	

Misoe Number _____

Table 2.1 Enrollment in Final Grade by Student Group & Terminal Objective (TERMOB)

		7	8	9
1.	Grade			
2.	Student Group Name and Number		106	107
3.	USOE Code(s)			
4.	Level Code			
5.	Type Code			
6.	Session Code			
7.	Program Length (Years)		<1 1 2 3 4	<1 1 2 3 4
8.	Cooperative		Yes No	Yes No
9.	Workstudy		Yes No	Yes No
10.	Exploratory		Yes No	Yes No
11.	Instructors and Teacher's Aides			
	A. Full Time			
	B. Percentage of Time			
12.	Enrollment		Male Female	Male Female

TERMOB Applicability

13.	TERMOB Numbers							

4.	Level Code		
5.	Type Code		
6.	Session Code		
7.	Program Length (Years)	<1 1 2 3 4	<1 1 2 3 4
8.	Cooperative	Yes No	Yes No
9.	Workstudy	Yes No	Yes No
10.	Exploratory	Yes No	Yes No
11.	Instructors and Teacher's Aides		
X	A. Full Time		
	B. Percentage of Time		
12.	Enrollment	Male / Female	Male / Female

TERMOB Applicability

13.	TERMOB Numbers

MISOE Number _____

Table 2.1 (Cont'd) Enrollment in Final Grade by Student Group and Terminal Objectives (TERMOBS)

	10		11		12	
1.						
2.						
3.	108				110	
4.						
5.						
6.						
7.	<1 1 2 3 4		<1 1 2 3 4		<1 1 2 3 4	
8.	Yes	No	Yes	No	Yes	No
9.	Yes	No	Yes	No	Yes	No
10.	Yes	No	Yes	No	Yes	No
11.						
12.	Male	Female	Male	Female	Male	Female

TERMOB Applicability

13.												

4.			
5.			
6.			
7.	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4
8.	Yes No	Yes No	Yes No
9.	Yes No	Yes No	Yes No
10.	Yes No	Yes No	Yes No
11.			
12.	Male / Female	Male / Female	Male / Female

TEAMOB Applicability

13.	

Table 2.11 Enrollment in Lower Grades by Student Group

2	3	4	5	6
201	202	203	204	205
<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4
Yes No	Yes No	Yes No	Yes No	Yes No
Yes No	Yes No	Yes No	Yes No	Yes No
Yes No	Yes No	Yes No	Yes No	Yes No
Male Female	Male Female	Male Female	Male Female	Male Female

MISOE Number

Table 2.11 Enrollment in Lower Grades by Student Group

	1	2	3	4	5
1.	Grade				
2.	Student Group Name and Number	201	202	203	204
3.	USOE Code(s)				
4.	LEVEL Code				
5.	Type Code				
6.	Session Code				
7.	Program Length (Years)	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4
8.	Cooperative	Yes No	Yes No	Yes No	Yes No
9.	Workstudy	Yes No	Yes No	Yes No	Yes No
10.	Exploratory	Yes No	Yes No	Yes No	Yes No
11.	Instructors and Teacher's Aides				
	A. Full Time				
	B. Percentage of Time				
		Male Female	Male Female	Male Female	Male Female
12.	Enrollment				

Table 2.11 (Cont'd) Enrollment in Lower Grades by Student Group

8	9	10	11	12
206	207	208	209	210
<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4
Yes No	Yes No	Yes No	Yes No	Yes No
Yes No	Yes No	Yes No	Yes No	Yes No
Yes No	Yes No	Yes No	Yes No	Yes No
Male Female	Male Female	Male Female	Male Female	Male Female

Mispe Number

Table 2.11 (Cont'd) Enrollment in Lower Grades by Student Group

		7	8	9	10	11
1.	Grade					
2.	Student Group Name and Number		206	207	208	209
3.	USOE Code(s)					
4.	Level Code					
5.	Type Code					
6.	Session Code					
7.	Program Length (Years)		<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4
8.	Cooperative		Yes No	Yes No	Yes No	Yes No
9.	Workstudy		Yes No	Yes No	Yes No	Yes No
10.	Exploratory		Yes No	Yes No	Yes No	Yes No
11.	Instructors and Teacher's Aides					
	A. Full Time					
	B. Percentage of Time					
			Male Female	Male Female	Male Female	Male Female
12.	Enrollment					

Table 2.11 Enrollment in Lower Grades by Student Group (Cont'd)

MIsoe Number

	14	15	16	17	18
	211	212	213	214	215
ears)	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4
	Yes No	Yes No	Yes No	Yes No	Yes No
	Yes No	Yes No	Yes No	Yes No	Yes No
	Yes No	Yes No	Yes No	Yes No	Yes No
l Time					
f Time					
	Male Female	Male Female	Male Female	Male Female	Male Female

Table 2.11 Enrollment in Lower Grades by Student Group (Cont'd)

	13	14	15	16	17
1.	Grade				
2.	Student Group Name and Number	211	212	213	214
3.	USOE Code(s)				
4.	Level Code				
5.	Type Code				
6.	Session Code				
7.	Program Length (Years)	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4
8.	Cooperative	Yes No	Yes No	Yes No	Yes No
9.	Workstudy	Yes No	Yes No	Yes No	Yes No
10.	Exploratory	Yes No	Yes No	Yes No	Yes No
11.	Instructors and Teacher's Aides				
	A. Full Time				
	B. Percentage of Time				
		Male Female	Male Female	Male Female	Male Femal
12.	Enrollment				

Table 2.11 Enrollment In Lower Grades by Student Group (Cont'd)

	20	21	22	23	24
	216	217	218	219	220
ears)	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4
	Yes No	Yes No	Yes No	Yes No	Yes No
	Yes No	Yes No	Yes No	Yes No	Yes No
	Yes No	Yes No	Yes No	Yes No	Yes No
Time					
Time					
	Male Female	Male Female	Male Female	Male Female	Male Female

MIsoe Number

Table 2.11 Enrollment in Lower Grades by Student Group (Cont'd)

		19	20	21	22	23
1.	Grade					
2.	Student Group Name and Number	216	217	218	219	
3.	LSOE Code(s)					
4.	Level Code					
5.	Type Code					
6.	Session Code					
7.	Program Length (Years)	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4	<1 1 2 3 4	
8.	Cooperative	Yes No	Yes No	Yes No	Yes No	
9.	Workstudy	Yes No	Yes No	Yes No	Yes No	
10.	Exploratory	Yes No	Yes No	Yes No	Yes No	
11.	Instructors and Teacher's Aides					
	A. Full Time					
	B. Percentage of Time					
12.	Enrollment	Male Female	Male Female	Male Female	Male Female	

Table 2.2 Utilization of Student Class Time: Final Grade

	2	3	4	5	6	7	8	9	10	11
	101	102	103	104	105	106	107	108	109	110
ass										
am										

Section Number

21

Table 2.2 Utilization of Student Class Time: Final Grade

	1	2	3	4	5	6	7	8	9
1.	Student Group Number	101	102	103	104	105	106	107	108
2.	Grade								
3.	USOE Code(s)								
4.	In Occupational Shop/Lab Area(s)								
5.	In Occupational Related Area(s)								
6.	Total Occupational Time (Lines 4 + 5)								
7.	In Nonoccupational Areas								
8.	Total All Areas (Lines 6 + 7)								
9.	Length of Grade Session (weeks)								
10.	Schedule Variation								
11.	Additional Notes Necessary to Explain Lines 4 through 10								

Table 2.2 Utilization of Student Class Time (Cont"d): Final Grade

13	14	15	16	17	18	19	20	21	22
111	112	113	114	115	116	117	118	119	120

MISOE Number

Table 2.2 Utilization of Student Class Time (Cont'd): Final Grade

	12	13	14	15	16	17	18	19	20
1.	Student Group Number	111	112	113	114	115	116	117	118
2.	Grade								
3.	USOE COde(s)								
4.	In Occupational Shop/Lab Area(s)								
5.	In Occupational Related Area(s)								
6.	Total Occupational Time (Lines 4+ 5)								
7.	In Nonoccupational Areas								
8.	Total All Areas (Lines 6 + 7)								
9.	Length of Grade Session (weeks)								
10.	Schedule Variation								
11.	Additional Notes Necessary to Explain Lines 4 through 10								

Table 2.21 Utilization of Student Class Time: Lower Grade

	2	3	4	5	6	7	8	9	10	11
	201	202	203	204	205	206	207	208	209	210

Misoe Number

Table 2.21 Utilization of Student Class Time: Lower Grade

	1	2	3	4	5	6	7	8	9
1.	Student Group Number	201	202	203	204	205	206	207	208
2.	Grade								
3.	USOE Code(s)								
4.	In Occupational Shop/Lab Area(s)								
5.	In Occupational Related Area(s)								
6.	Total Occupational Time (Lines 4 + 5)								
7.	In Nonoccupational Areas								
8.	Total All Areas (Lines 6 + 7)								
9.	Length of Grade Session (Weeks)								
10.	Schedule Variation								
11.	Additional Notes Necessary to Explain Lines 4 through 10								

Table 2.21 (Cont'd) Utilization of Student Class Time: Lower Grade

	13	14	15	16	17	18	19	20	21	22
	211	212	213	214	215	216	217	218	219	220
eas										
on										

Misoa Number

Table 2.21 (Cont'd) Utilization of Student Class Time: Lower Grade

	12	13	14	15	16	17	18	19	20
1.	Student Group Number	211	212	213	214	215	216	217	218
2.	Grade								
3.	USOE Code(s)								
4.	In Occupational Shop/Lab Area(s)								
5.	In Occupational Related Area(s)								
6.	Total Occupational Time (Lines 4 + 5)								
7.	In Nonoccupational Areas								
8.	Total All Areas (Lines 6 + 7)								
9.	Length of Grade Session (Weeks)								
10.	Schedule Variation								
11.	Additional Notes Necessary to Explain Lines 4 through 10								

Misoe Number _____

Table 2.3 Utilization of Departmental Instructional Area by Rooms

Check Applicable Program Schedule

1. a. [ ] Weekly
   b. [ ] Alternating
   c. [ ] Variable

2. a. [ ] Semester Schedule Change
   b. [ ] No Semester Schedule Change

WEEKLY OR SCHEDULE A

1	2	3		4		5	
Room No. or Name	Day of the Week	Morning 7:00 a.m.-12:00N		Afternoon 12:00N-6:00 p.m.		Evening 6:00 p.m.-11:00 p.m.	
		No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
1A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
2A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
3A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
4A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
5A	Mon.						
	Tues.						

WEEKLY OR SCHEDULE A

1	2	3		4		5	
Room No. or Name	Day of the Week	Morning 7:00 a.m.-12:00N		Afternoon 12:00N-6:00 p.m.		Evening 6:00 p.m.-11:00 p.m.	
		No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
1A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
2A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
3A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
4A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
5A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							

Misoe Number

Table 2.3 (Cont'd) Utilization of Departmental Instructional Area by Rooms

Check Applicable Program Schedule

1. a. [ ] Weekly
   b. [ ] Alternating
   c. [ ] Variable

2. a. [ ] Semester Schedule Change
   b. [ ] No Semester Schedule Change

WEEKLY OR SCHEDULE B							
6	7	8		9		10	
Room No. or Name	Day of the Week	Morning 7:00 a.m.-12:00N		Afternoon 12:00N-6:00 p.m.		Evening 6:00 p.m.-11:00 p.m.	
		No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
1 B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
2 B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
3 B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
4 B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
5 B	Mon.						

c. [ ] Variable

WEEKLY OR SCHEDULE B

6	7	8		9		10	
Room No. or Name	Day of the Week	Morning 7:00 a.m.-12:00N		Afternoon 12:00N-6:00 p.m.		Evening 6:00 p.m.-11:00 p.m.	
		No. of Hrs.Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
1 B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
2 B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
3 B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
4 B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
5 B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							

Misoe Number

Table 2.3 (Cont'd) Utilization of Departmental Instructional Area by Room

Check Applicable Program Schedule

1. a. [ ] Weekly
   b. [ ] Alternating
   c. [ ] Variable

2. a. [ ] Semester Schedule Change
   b. [ ] No Semester Schedule Change

WEEKLY OR SCHEDULE A

11	12	13		14		15	
Room No. or Name	Day of the Week	Morning 7:00 a.m.-12:00N		Afternoon 12:00N-6:00 p.m.		Evening 6:00 p.m.-11:00 p.m.	
		No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
6A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
7A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
8A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
9A	Mon						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
	Mon.						

WEEKLY OR SCHEDULE A

11	12	13		14		15	
Room No. or Name	Day of the Week	Morning 7:00 a.m.-12:00N		Afternoon 12:00N-6:00 p.m.		Evening 6:00 p.m.-11:00 p.m.	
		No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
6A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
7A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
8A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
9A	Mon						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
10A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							

Misoe Number

Table 2.3 (Cont'd) Utilization of Departmental Instructional Area by Room

Check Applicable Program Schedule

1. a. [ ] Weekly
   b. [ ] Alternating
   c. [ ] Variable

2. a. [ ] Semester Schedule Change
   b. [ ] No Semester Schedule Change

WEEKLY OR SCHEDULE B

16	17	18		19		20	
Room No. or Name	Day of the Week	Morning 7:00 a.m.-12:00N		Afternoon 12:00N-6:00 p.m.		Evening 6:00 p.m.-11:00 p.m.	
		No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
6B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
7B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
8B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
9B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
10B	Mon.						

WEEKLY OR SCHEDULE B

16	17	18		19		20	
Room No. or Name	Day of the Week	Morning 7:00 a.m.-12:00N		Afternoon 12:00N-6:00 p.m.		Evening 6:00 p.m.-11:00 p.m.	
		No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
6B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
7B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
8B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
9B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
10B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							

Table 2.3 (Cont'd) Utilization of Departmental Instructional Area by Room

Check Applicable Program Schedule

1. a. [ ] Weekly
   b. [ ] Alternating
   c. [ ] Variable

2. a. [ ] Semester Schedule Change
   b. [ ] No Semester Schedule Change

WEEKLY OR SCHEDULE A

21	22	23		24		25	
Room No. or Name	Day of the Week	Morning 7:00 a.m.-12:00N		Afternoon 12:00N-6:00 p.m.		Evening 6:00 p.m.-11:00 p.m.	
		No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
11A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
12A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
13A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
14A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
	Mon.						

c. [ ] Variable

WEEKLY OR SCHEDULE A

21	22	23		24		25	
Room No. or Name	Day of the Week	Morning 7:00 a.m.-12:00N		Afternoon 12:00N-6:00 p.m.		Evening 6:00 p.m.-11:00 p.m.	
		No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
11A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
12A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
13A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
14A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
15A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat						
TOTALS							

Misc. Number

Table 2.3 (Cont'd) Utilization of Departmental Instructional Area by Room

Check Applicable Program Schedule

1. a. [ ] Weekly
   b. [ ] Alternating
   c. [ ] Variable

2. a. [ ] Semester Schedule Change
   b. [ ] No Semester Schedule Change

WEEKLY OR SCHEDULE B

26	27	28		29		30	
Room No. or Name	Day of the Week	Morning 7:00 a.m.-12:00N		Afternoon 12:00N-6:00 p.m.		Evening 6:00 p.m.-11:00 p.m.	
		No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
11B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
12B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
13B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
14B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
15B	Mon.						
	Tues.						

WEEKLY OR SCHEDULE B

26	27	28		29		30	
Room No. or Name	Day of the Week	Morning 7:00 a.m.-12:00N		Afternoon 12:00N-6:00 p.m.		Evening 6:00 p.m.-11:00 p.m.	
		No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
11B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
12B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
13B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
14B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
15B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							

Misoe Number

Table 2.3 Utilization of Departmental Instructional Area By Room

Check Applicable Program Schedule

1. a. [ ] Weekly
   b. [ ] Alternating
   c. [ ] Variable

2. a. [ ] Semester Schedule Change
   b. [ ] No Semester Schedule Change

WEEKLY OR SCHEDULE A

31	32	33		34		35	
Room No.or Name	Day of the Week	Morning 7:00 a.m.-12:00N		Afternoon 12:00N-6:00 p.m.		Evening 6:00 P.M.-11:00 p.m.	
		No. of Hrs.Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
16A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
17A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
18A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
19A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						

1. a. [ ] Weekly
b. [ ] Alternating
c. [ ] Variable

2. a. [ ] Semester Schedule Change
b. [ ] No Semester Schedule Change

WEEKLY OR SCHEDULE A

31	32	33		34		35	
Room No.or Name	Day of the Week	Morning 7:00 a.m.-12:00N		Afternoon 12:00N-6:00 p.m.		Evening 6:00 P.M.-11:00 p.m.	
		No. of Hrs.Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
16A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
17A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
18A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
19A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
20A	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							

Table 2.3 (Cont'd) Utilization of Departmental Instructional Area by Room

Check Applicaboe Program Schedule

1. a. [ ] Weekly
   b. [ ] Alternating
   c. [ ] Variable

2. a. [ ] Semester Schedule Change
   b. [ ] No Semester Schedule Change

WEEKLY OR SCHEDULE B							
36	37	38		39		40	
Room No.or Name	Day of the Week	Morning 7:00 a.m.-12:00N		Afternoon 12:00N-6:00 p.m.		Evening 6:00 p.m.-11:00 p.m.	
		No. of Hrs.Used	No. of Stud. Hrs	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
16B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
17B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
18B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
19B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
20B	Mon.						
	Tues.						
	Wed.						

WEEKLY OR SCHEDULE B

36	37	38		39		40	
Room No.or Name	Day of the Week	Morning 7:00 a.m.-12:00N		Afternoon 12:00N-6:00 p.m.		Evening 6:00 p.m.-11:00 p.m.	
		No. of Hrs.Used	No. of Stud. Hrs	No. of Hrs. Used	No. of Stud. Hrs.	No. of Hrs. Used	No. of Stud. Hrs.
16B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
17B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
18B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
19B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							
20B	Mon.						
	Tues.						
	Wed.						
	Thurs.						
	Fri.						
LS C	Sat.						
TOTALS							

REPORTING TERMINAL PERFORMANCE OBJECTIVES (TERMOBS)

TABLE T-1

INSTRUCTIONAL DIVISION AND UNIT OUTLINE

AUTOMOTIVE MECHANICS

DOES THIS OUTLINE CONTAIN ALL OF THE INSTRUCTIONAL CONTENT OF YOUR PROGRAM: YES___ NO___

CODE	DIVISION	CODE	UNIT
01	POWER TRAIN		
		01	ENGINE
		02	TRANSMISSION, STANDARD
		03	TRANSMISSION, AUTOMATIC
		04	CLUTCH
		05	REAR END
		06	DRIVE LINE
		07	COOLING
02	FUEL AND EXHAUST		
		01	CARBURETOR
		02	FUEL DELIVERY
		03	EXHAUST
		04	EXHAUST EMISSION
		05	POLLUTION CONTROL VALVE
03	ELECTRICAL		
		01	IGNITION
		02	LIGHTING
		03	ACCESSORY
		04	CHARGING
		05	STARTING
		06	STORAGE BATTERY
04	CHASSIS AND BODY		
		01	FRONT SUSPENSION
		02	REAR SUSPENSION
		03	STEERING (POWER)
		04	STEERING (STANDARD)
		05	WINDOWS AND DOORS
		06	ACCESSORY
		07	LUBRICATION
		08	APPEARANCE
		09	TIRES
		10	WHEEL BEARINGS (FRONT)
		11	WHEEL BEARINGS (REAR)
		12	BRAKES (POWER)
		13	BRAKES (DISC)
		14	BRAKES (STANDARD)
05	BASIC EQUIPMENT & TOOLS		
		01	JACKING
		02	GRINDING AND DRILLING
		03	HOUSEKEEPING
		04	SOLDERING
		05	TORCH WORK
06	RECORD KEEPING		
		01	BILLING
		02	REPAIR ORDERS
		03	USE OF MANUALS
		04	INVENTORY
07	SHOP MANAGEMENT		
		01	SHOP LAYOUT/PLANNING

01	POWER TRAIN		
		01	ENGINE
		02	TRANSMISSION, STANDARD
		03	TRANSMISSION, AUTOMATIC
		04	CLUTCH
		05	REAR END
		06	DRIVE LINE
		07	COOLING
02	FUEL AND EXHAUST		
		01	CARBURETOR
		02	FUEL DELIVERY
		03	EXHAUST
		04	EXHAUST EMISSION
		05	POLLUTION CONTROL VALVE
03	ELECTRICAL		
		01	IGNITION
		02	LIGHTING
		03	ACCESSORY
		04	CHARGING
		05	STARTING
		06	STORAGE BATTERY
04	CHASSIS AND BODY		
		01	FRONT SUSPENSION
		02	REAR SUSPENSION
		03	STEERING (POWER)
		04	STEERING (STANDARD)
		05	WINDOWS AND DOORS
		06	ACCESSORY
		07	LUBRICATION
		08	APPEARANCE
		09	TIRES
		10	WHEEL BEARINGS (FRONT)
		11	WHEEL BEARINGS (REAR)
		12	BRAKES (POWER)
		13	BRAKES (DISC)
		14	BRAKES (STANDARD)
05	BASIC EQUIPMENT & TOOLS		
		01	JACKING
		02	GRINDING AND DRILLING
		03	HOUSEKEEPING
		04	SOLDERING
		05	TORCH WORK
06	RECORD KEEPING		
		01	BILLING
		02	REPAIR ORDERS
		03	USE OF MANUALS
		04	INVENTORY
07	SHOP MANAGEMENT		
		01	SHOP LAYOUT/PLANNING
		02	WORK SCHEDULES
		03	CUSTOMER RELATIONS
		04	EMPLOYER/EMPLOYEE RELATIONS
		05	ADVERTISING
		06	COST CONTROL
		07	ESTIMATING & INSURANCE
		08	TRAINING & INSTRUCTION
		09	SAFETY

TABLE T-1A

ADDITIONAL INSTRUCTIONAL DIVISIONS AND UNITS

CODE	DIVISION	CODE	UNIT

TABLE T-2

TERMOB DIVISION AND UNIT OUTLINE

AUTOMOTIVE MECHANICS

DOES THIS OUTLINE CONTAIN ALL TOPICS IN WHICH GRADUATES ACQUIRE JOB-ENTRY SKILLS: YES___NO___

CODE	DIVISION	CODE	UNIT
01	ENGINE		
		01	COOLING SYSTEM
		02	VALVES
		03	BEARINGS
		04	CYLINDERS
		05	TIMING
		06	OIL CIRCUIT
02	TRANSMISSION		
		01	MANUAL TRANSMISSION
		02	AUTOMATIC TRANSMISSION
03	AIR CONDITIONING		
		01	TESTING
		02	REPAIR
04	DRIVE LINE AND REAR END		
		01	UNIVERSAL JOINTS
		02	REAR AXLES
		03	SEALS
05	EXHAUST SYSTEM		
		01	EMISSION CONTROLS
		02	EXHAUST PIPES
		03	MANIFOLD
06	ELECTRICAL		
		01	STARTING SYSTEM
		02	CHARGING SYSTEM
		03	LIGHTING SYSTEM
		04	ACCESSORIES
		05	IGNITION SYSTEM
07	SUSPENSION		
		01	SHOCK ABSORBERS
		02	FRONT END
		03	WHEEL BEARINGS
		04	SPRINGS
		05	WHEEL BALANCING
		06	TIRE MOUNTING
		07	STEERING
		08	LUBRICATION
08	BRAKES		
		01	DRUM BRAKES
		02	DISC BRAKES
		03	POWER ASSIST UNITS
09	FUEL SYSTEM		
		01	CARBURETOR
		02	FUEL LINES
		03	FUEL PUMP
		04	FUEL TANK
		05	FUEL GAUGE
		06	FUEL FILTERS
		07	AIR FILTER
10	DIAGNOSES		

01	ENGINE		
		01	COOLING SYSTEM
		02	VALVES
		03	BEARINGS
		04	CYLINDERS
		05	TIMING
		06	OIL CIRCUIT
02	TRANSMISSION		
		01	MANUAL TRANSMISSION
		02	AUTOMATIC TRANSMISSION
03	AIR CONDITIONING		
		01	TESTING
		02	REPAIR
04	DRIVE LINE AND REAR END		
		01	UNIVERSAL JOINTS
		02	REAR AXLES
		03	SEALS
05	EXHAUST SYSTEM		
		01	EMISSION CONTROLS
		02	EXHAUST PIPES
		03	MANIFOLD
06	ELECTRICAL		
		01	STARTING SYSTEM
		02	CHARGING SYSTEM
		03	LIGHTING SYSTEM
		04	ACCESSORIES
		05	IGNITION SYSTEM
07	SUSPENSION		
		01	SHOCK ABSORBERS
		02	FRONT END
		03	WHEEL BEARINGS
		04	SPRINGS
		05	WHEEL BALANCING
		06	TIRE MOUNTING
		07	STEERING
		08	LUBRICATION
08	BRAKES		
		01	DRUM BRAKES
		02	DISC BRAKES
		03	POWER ASSIST UNITS
09	FUEL SYSTEM		
		01	CARBURETOR
		02	FUEL LINES
		03	FUEL PUMP
		04	FUEL TANK
		05	FUEL GAUGE
		06	FUEL FILTERS
		07	AIR FILTER
10	DIAGNOSES		
		01	ENGINE
		02	MANUAL TRANSMISSION
		03	AUTOMATIC TRANSMISSION
		04	DRIVE AXLES AND DIFFERENTIAL
		05	BRAKES
		06	FRONT SUSPENSION
		07	MANUAL STEERING
		08	POWER STEERING

TABLE T-2A

ADDITIONAL TERMOB DIVISIONS AND UNITS

CODE	DIVISION	CODE	UNIT

TERMINAL PERFORMANCE OBJECTIVES (TERMOBS)

and

REPORTING FORMS

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 01 ENGINE

UNIT 01 COOLING SYSTEM

TERMOB NO. 9-001

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH A PRESSURIZED LIQUID COOLING SYSTEM
( ) 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.03 REPLACEMENT WATER PUMP
( ) 1.04 REPLACEMENT WATER PUMP GASKET
( ) 1.05 GASKET SEALER
( ) 1.06 ANTI-FREEZE
( ) 1.07 WATER
( ) 1.08 SERVICE MANUAL

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 REPLACE WATER PUMP TO FOLLOWING PROCEDURE:

( ) 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 WATER PUMP REPLACED AND OPERATING PROPERLY TO APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OF UNSATISFACTORY.

( ) 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS DIVISION 01 ENGINE

USOE CODE NO(S) _____ UNIT 01 COOLING SYSTEM

TERMOB NO. 9-001

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 01 ENGINE

UNIT 01 COOLING SYSTEM

TERMOB NO. 9-002

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH PRESSURIZED COOLING SYSTEM
( ) 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.03 SERVICE MANUAL
( ) 1.04 FLUSHING SOLUTION
( ) 1.05 RADIATOR & HEATER HOSES
( ) 1.06 RADIATOR CAP
( ) 1.07 ANTI-FREEZE
( ) 1.08 FAN BELT
( ) 1.09 THERMOSTAT
( ) 1.10 COOLING SYSTEM PRESSURE TESTER
( ) 1.11 HEATER CORE

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 PERFORM ROUTINE MAINTENANCE ON COOLING SYSTEM EMPLOYING FOLLOWING OPERATIONS, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

( ) 2.02 DRAIN AND FLUSH COOLING SYSTEM
( ) 2.03 REMOVE AND REPLACE WORN FAN BELT
( ) 2.04 REPLACE WORN RADIATOR AND HEATER HOSES
( ) 2.05 FILL THE COOLING SYSTEM
( ) 2.06 PRESSURE TEST CAP
( ) 2.07 REMOVE AND REPLACE RADIATOR CAP
( ) 2.08 TEST THERMOSTAT
( ) 2.09 REMOVE AND REPLACE THERMOSTAT IF DEFECTIVE
( ) 2.10 PRESSURE TEST SYSTEM FOR LEAKS
( ) 2.11 REMOVE AND REPLACE LEAKING HEATER CORE

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 COOLING SYSTEM SERVICED AND FUNCTIONING PROPERLY TO APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 COOLING SYSTEM DRAINED AND FLUSHED
( ) 3.03 WORN FAN BELT REPLACED
( ) 3.04 WORN HOSES REPLACED
( ) 3.05 COOLING SYSTEM FILLED

( ) 1.01 ANY AUTOMOBILE WITH PRESSURIZED COOLING SYSTEM
( ) 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.03 SERVICE MANUAL
( ) 1.04 FLUSHING SOLUTION
( ) 1.05 RADIATOR & HEATER HOSES
( ) 1.06 RADIATOR CAP
( ) 1.07 ANTI-FREEZE
( ) 1.08 FAN BELT
( ) 1.09 THERMOSTAT
( ) 1.10 COOLING SYSTEM PRESSURE TESTER
( ) 1.11 HEATER CORE

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 PERFORM ROUTINE MAINTENANCE ON COOLING SYSTEM EMPLOYING FOLLOWING OPERATIONS, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

( ) 2.02 DRAIN AND FLUSH COOLING SYSTEM
( ) 2.03 REMOVE AND REPLACE WORN FAN BELT
( ) 2.04 REPLACE WORN RADIATOR AND HEATER HOSES
( ) 2.05 FILL THE COOLING SYSTEM
( ) 2.06 PRESSURE TEST CAP
( ) 2.07 REMOVE AND REPLACE RADIATOR CAP
( ) 2.08 TEST THERMOSTAT
( ) 2.09 REMOVE AND REPLACE THERMOSTAT IF DEFECTIVE
( ) 2.10 PRESSURE TEST SYSTEM FOR LEAKS
( ) 2.11 REMOVE AND REPLACE LEAKING HEATER CORE

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 COOLING SYSTEM SERVICED AND FUNCTIONING PROPERLY TO APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 COOLING SYSTEM DRAINED AND FLUSHED
( ) 3.03 WORN FAN BELT REPLACED
( ) 3.04 WORN HOSES REPLACED
( ) 3.05 COOLING SYSTEM FILLED
( ) 3.06 RADIATOR CAP TESTED
( ) 3.07 DEFECTIVE CAP REPLACED
( ) 3.08 THERMOSTAT TESTED
( ) 3.09 THERMOSTAT REPLACED
( ) 3.10 COOLING SYSTEM TESTED
( ) 3.11 HEATER CORE REPLACED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS DIVISION 01 ENGINE

USOE CODE NO(S) _____ UNIT 01 COOLING SYSTEM

_____ TERMOB NO. 9-002

_____

_____

_____

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 01 ENGINE

UNIT 02 VALVES

TERMOB NO. 9-003

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE
( ) 1.02 SERVICE MANUAL
( ) 1.03 VALVE SPRING TESTER
( ) 1.04 ROCKER STUDS
( ) 1.05 VALVE GRINDER
( ) 1.06 REAMERS
( ) 1.07 STIFF WIRE BRUSH
( ) 1.08 DEGREASER SOLUTION
( ) 1.09 VALVE STEM SEALS
( ) 1.10 SHIM WASHERS
( ) 1.11 VALVE LIFTERS
( ) 1.12 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.13 MICROMETER
( ) 1.14 DIAL INDICATOR
( ) 1.15 VALVE GRINDING GASKET SET

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 PERFORM VALVE JOB EMPLOYING THE FOLLOWING OPERATIONS, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

( ) 2.02 REMOVE HEAD FROM ENGINE
( ) 2.03 REMOVE THE ROCKER ARMS
( ) 2.04 REMOVE THE VALVES AND SPRINGS
( ) 2.05 CHECK THE VALVE STEM-TO-GUIDE CLEARANCE
( ) 2.06 DE-CARBON THE CYLINDER HEAD AND VALVES
( ) 2.07 HOT-TANK THE CYLINDER HEAD
( ) 2.08 DEGREASE CYLINDER HEAD PARTS
( ) 2.09 REAM VALVE GUIDES
( ) 2.10 RESURFACE THE VALVE FACES
( ) 2.11 RESURFACE VALVE SEATS
( ) 2.12 LAP THE VALVES
( ) 2.13 CHECK THE VALVE SPRINGS
( ) 2.14 INSTALL VALVE STEM SEALS
( ) 2.15 INSTALL THE VALVES
( ) 2.16 INSPECT ROCKER ARMS, BALLS, STUDS & NUTS
( ) 2.17 REPLACE ROCKER STUDS
( ) 2.18 REPLACE VALVE LIFTERS
( ) 2.19 REPLACE HEAD

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS DIVISION 01 ENGINE

USOE CODE NO(S) _____ UNIT 02 VALVES

TERMOB NO. 9-003

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 01 ENGINE

UNIT 02 VALVES

TERMOB NO. 9-003 (CONT,)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 VALVES SEAT PROPERLY AND ADJUSTED WITHIN MANUFACTURER'S SPECIFICATIONS MEETING APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 HEAD REMOVED FROM ENGINE
( ) 3.03 ROCKER ARMS REMOVED
( ) 3.04 VALVES AND SPRINGS REMOVED
( ) 3.05 VALVE STEM-TO-GUIDE CLEARANCE CHECKED PROPERLY WITH DIAL INDICATORS
( ) 3.06 HEAD OF VALVES DE-CARBONED
( ) 3.07 CYLINDER HEAD THOROUGHLY CLEANED
( ) 3.08 CYLINDER HEAD PARTS DEGREASED
( ) 3.09 VALVE GUIDES REAMED
( ) 3.10 VALVE FACES RESURFACED
( ) 3.11 VALVE SEATS RESURFACED
( ) 3.12 EFFICIENT SEALING OF RESURFACED VALVES AND SEATS
( ) 3.13 VALVE SPRING TENSION TESTED
( ) 3.14 VALVE STEM SEALS INCLUDED
( ) 3.15 VALVES INSTALLED
( ) 3.16 ROCKER ARMS, BALLS, STUDS AND NUTS INSPECTED
( ) 3.17 ROCKER STUDS REPLACED
( ) 3.18 VALVE LIFTERS REPLACED
( ) 3.19 HEAD REPLACED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS DIVISION 01 ENGINE

USOE CODE NO(S) _____ UNIT 02 VALVES

TERMOB NO. 9-003 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 01 ENGINE

UNIT 03 BEARINGS

TERMOB NO. 9-004

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE
( ) 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.03 LIFT
( ) 1.04 REPLACEMENT BEARINGS
( ) 1.05 PLASTIC GAUGES
( ) 1.06 OIL
( ) 1.07 REPLACEMENT GASKETS
( ) 1.08 SERVICE MANUAL
( ) 1.09 LATHE
( ) 1.10 REAR MAIN BEARING OIL SEAL
( ) 1.11 FRONT ENGINE SEALS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 REPLACE MAIN CRANKSHAFT BEARINGS EMPLOYING FOLLOWING OPERATIONS, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

( ) 2.02 REMOVE BEARINGS
( ) 2.03 REMOVE CRANKSHAFT
( ) 2.04 GRIND CRANKSHAFT
( ) 2.05 INSTALL CRANKSHAFT
( ) 2.06 INSTALL REPLACEMENT BEARINGS

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 NEW BEARINGS INSTALLED AND WORKING PROPERLY TO APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 BEARINGS REMOVED
( ) 3.03 CRANKSHAFT REMOVED
( ) 3.04 CRANKSHAFT GROUND
( ) 3.05 CRANKSHAFT INSTALLED
( ) 3.06 REPLACEMENT BEARINGS INSTALLED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 01 ENGINE

USOE CODE NO(S) _____

UNIT 03 BEARINGS

TERMOB NO. 9-004

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 01 ENGINE

UNIT 04 CYLINDERS

TERMOB NO. 9-005

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE
( ) 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.03 REPLACEMENT GASKETS (HEAD, OIL PAN, ETC.)
( ) 1.04 REPLACEMENT RINGS
( ) 1.05 HONING STONE
( ) 1.06 ELECTRIC DRILL
( ) 1.07 ENGINE CYLINDER GRINDER
( ) 1.08 OIL
( ) 1.09 SERVICE MANUAL
( ) 1.10 MICROMETERS
( ) 1.11 RIDGE REMOVING TOOL

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 OVERHAUL CYLINDERS EMPLOYING FOLLOWING OPERATIONS, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

( ) 2.02 REMOVE HEADS
( ) 2.03 REMOVE OIL PAN
( ) 2.04 REMOVE CRANKSHAFT
( ) 2.05 GRIND RIDGE AT TOP OF CYLINDER WALL
( ) 2.06 REMOVE PISTON AND CONNECTING RODS
( ) 2.07 CHECK CYLINDER BORE DIAMETER AND SURFACE
( ) 2.08 CHECK BLOCK DECK FOR WARPAGE
( ) 2.09 CHECK DECK HEIGHT
( ) 2.10 CHECK CYLINDER BLOCK BEARING ALIGNMENT
( ) 2.11 CLEAN AND INSPECT PISTONS AND CONNECTING RODS
( ) 2.12 CLEAN PISTON RING GROOVE
( ) 2.13 FIT THE PISTONS TO THE CYLINDERS
( ) 2.14 ASSEMBLE THE PISTONS AND CONNECTING RODS
( ) 2.15 BORE CYLINDERS
( ) 2.16 HONE CYLINDERS
( ) 2.17 CHECK PISTON RING END-GAP
( ) 2.18 INSTALL PISTON RINGS
( ) 2.19 INSTALL CRANKSHAFT
( ) 2.20 INSTALL PISTONS
( ) 2.21 CHECK CONNECTING ROD SIDE CLEARANCE
( ) 2.22 REPLACE OIL PAN
( ) 2.23 REPLACE HEADS
( ) 2.24 FILL OIL SYSTEM

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 01 ENGINE

USOE CODE NO(S) _____

UNIT 04 CYLINDERS

TERMOB NO. 9-005

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 01 ENGINE

UNIT 04 CYLINDERS

TERMOB NO. 9-005 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CYLINDERS AND RINGS OVERHAULED AND WORKING PROPERLY TO APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 HEADS REMOVED
( ) 3.03 OIL PAN REMOVED
( ) 3.04 CRANKSHAFT REMOVED
( ) 3.05 RIDGE GROUND OFF COMPLETELY
( ) 3.06 PISTONS AND CONNECTION RODS REMOVED
( ) 3.07 CYLINDER BORE DIAMETER AND SURFACE CHECKED
( ) 3.08 DECK CHECKED FOR WARPAGE
( ) 3.09 DECK HEIGHT CHECKED
( ) 3.10 CYLINDER BLOCK BEARING ALIGNMENT CHECKED
( ) 3.11 PISTONS AND CONNECTING RODS CLEANED AND INSPECTED
( ) 3.12 PISTON RING GROOVE CLEANED
( ) 3.13 PISTONS FITTED TO CYLINDERS
( ) 3.14 PISTONS AND CONNECTING RODS ASSEMBLED
( ) 3.15 CYLINDERS BORED
( ) 3.16 CYLINDERS HONED
( ) 3.17 PISTON RING END-GAP CHECKED
( ) 3.18 PISTON RINGS INSTALLED
( ) 3.19 CRANKSHAFT INSTALLED, END PLAY WITHIN TOLERANCE
( ) 3.20 PISTONS INSTALLED
( ) 3.21 CONNECTING ROD SIDE CLEARANCE CHECKED
( ) 3.22 OIL PAN REPLACED
( ) 3.23 HEADS REPLACED
( ) 3.24 OIL SYSTEM FILLED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 01 ENGINE

USOE CODE NO(S) _____

UNIT CYLINDERS

TERMOB NO. 9-005 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 01 ENGINE

UNIT 05 TIMING

TERMOB NO. 9-006

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE
( ) 1.02 SERVICE MANUAL
( ) 1.03 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.04 NEW TIMING CHAIN
( ) 1.05 CRANKCASE FRONT COVER GASKET
( ) 1.06 GEAR PULLER
( ) 1.07 FRONT SEAL
( ) 1.08 OIL PAN GASKET
( ) 1.09 TIMING SPROCKET
( ) 1.10 CRANKSHAFT SPROCKET

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 REPLACE TIMING CHAIN EMPLOYING FOLLOWING OPERATIONS, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

( ) 2.02 REPLACE TIMING SPROCKET
( ) 2.03 REPLACE CRANKSHAFT SPROCKET
( ) 2.04 REPLACE TIMING CHAIN

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 TIMING MARKS ARE IN CORRECT ALIGNMENT BETWEEN SHAFT CENTER TO APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 NEW TIMING SPROCKET PROPERLY INSTALLED
( ) 3.03 NEW CRANKSHAFT SPROCKET PROPERLY INSTALLED
( ) 3.04 NEW TIMING CHAIN PROPERLY INSTALLED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

USOE CODE NO(S) _____

DIVISION 01 ENGINE

UNIT 05 TIMING

TERMOB NO. 9-006

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 01 ENGINE

UNIT 06 OIL CIRCUIT

TERMOB NO. 9-007

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE ENGINE ON STAND WITH MALFUNCTIONING LUBRICATION SYSTEM
( ) 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.03 OIL PRESSURE GAUGE
( ) 1.04 NEW OIL PUMP
( ) 1.05 OIL PAN GASKET SET
( ) 1.06 ROCKER COVER GASKET SET

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 REMEDY POOR ENGINE LUBRICATION EMPLOYING THE FOLLOWING OPERATION, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

( ) 2.02 CHECK OIL PRESSUPE
( ) 2.03 REPAIR ANY OIL LEAKS
( ) 2.04 REPAIR WORN OIL PUMP
( ) 2.05 CLEAN OIL PUMP SCREEN
( ) 2.06 CLEAN OUT OIL RETURN HOLES

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 ENGINE LUBRICATION CORRECTED WITH APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 OIL PRESSURE TESTED
( ) 3.03 ALL OIL LEAKS REPAIRED
( ) 3.04 WORN OIL PUMP REPLACED
( ) 3.05 OIL PUMP SCREEN CLEANED
( ) 3.06 OIL RETURN HOLES CLEANED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 01 ENGINE

USOE CODE NO(S) _____

UNIT 06 OIL CIRCUIT

TERMOB NO. 9-007

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 02 TRANSMISSION

UNIT 01 MANUAL TRANSMISSION

TERMOB NO. 9-008

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH MANUAL TRANSMISSION REQUIRING SHIFT LINKAGE ADJUSTMENT
( ) 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.03 SERVICE MANUAL
( ) 1.04 SHIFT LINKAGE ADJUSTMENT GAUGES

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 ADJUST SHIFT LINKAGE TO FOLLOWING PROCEDURE:

( ) 2.02 PROCEDURE AS SPECIFIED IN MANUFACTURER'S SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 SHIFTS THROUGH ALL POSITIONS WITH FULL GEAR ENGAGEMENT AND MEETS APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 02 TRANSMISSION

USOE CODE NO(S) _____

UNIT 01 MANUAL TRANSMISSION

TERMOB NO. 9-008

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 02 TRANSMISSION

UNIT 01 MANUAL TRANSMISSION

TERMOB NO. 9-009

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH MANUAL TRANSMISSION
( ) 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.03 ARBOR PRESS
( ) 1.04 REPLACEMENT SYNCHRONIZER STOP RINGS
( ) 1.05 REPLACEMENT SYNCHRONIZER STRUTS
( ) 1.06 REPLACEMENT CLUTCH GEAR
( ) 1.07 REPLACEMENT CLUTCH GEAR SLEEVE
( ) 1.08 REPLACEMENT GASKETS
( ) 1.09 GEAR OIL
( ) 1.10 SERVICE MANUAL
( ) 1.11 NECESSARY SPECIAL TOOLS
( ) 1.12 FRONT TRANSMISSION BEARING
( ) 1.13 REAR TRANSMISSION BEARING

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 REPLACE ALL SYNCHRONIZER ASSEMBLIES EMPLOYING THE FOLLOWING OPERATIONS, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

( ) 2.02 DISASSEMBLE TRANSMISSION
( ) 2.03 REMOVE OLD SYNCHRONIZERS
( ) 2.04 INSTALL REPLACEMENT SYNCHRONIZERS
( ) 2.05 REPLACE FRONT TRANSMISSION BEARING
( ) 2.06 REPLACE REAR TRANSMISSION BEARING
( ) 2.07 REASSEMBLE TRANSMISSION

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 NEW SYNCHRONIZERS INSTALLED AND WORKING PROPERLY TO APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 TRANSMISSION DISASSEMBLED
( ) 3.03 OLD SYNCHRONIZERS REMOVED
( ) 3.04 REPLACEMENT SYNCHRONIZERS INSTALLED
( ) 3.05 FRONT TRANSMISSION BEARING INSTALLED
( ) 3.06 REAR TRANSMISSION BEARING INSTALLED
( ) 3.07 TRANSMISSION REASSEMBLED

( ) 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.03 ARBOR PRESS
( ) 1.04 REPLACEMENT SYNCHRONIZER STOP RINGS
( ) 1.05 REPLACEMENT SYNCHRONIZER STRUTS
( ) 1.06 REPLACEMENT CLUTCH GEAR
( ) 1.07 REPLACEMENT CLUTCH GEAR SLEEVE
( ) 1.08 REPLACEMENT GASKETS
( ) 1.09 GEAR OIL
( ) 1.10 SERVICE MANUAL
( ) 1.11 NECESSARY SPECIAL TOOLS
( ) 1.12 FRONT TRANSMISSION BEARING
( ) 1.13 REAR TRANSMISSION BEARING

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 REPLACE ALL SYNCHRONIZER ASSEMBLIES EMPLOYING THE FOLLOWING OPERATIONS, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

( ) 2.02 DISASSEMBLE TRANSMISSION
( ) 2.03 REMOVE OLD SYNCHRONIZERS
( ) 2.04 INSTALL REPLACEMENT SYNCHRONIZERS
( ) 2.05 REPLACE FRONT TRANSMISSION BEARING
( ) 2.06 REPLACE REAR TRANSMISSION BEARING
( ) 2.07 REASSEMBLE TRANSMISSION

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 NEW SYNCHRONIZERS INSTALLED AND WORKING PROPERLY TO APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 TRANSMISSION DISASSEMBLED
( ) 3.03 OLD SYNCHRONIZERS REMOVED
( ) 3.04 REPLACEMENT SYNCHRONIZERS INSTALLED
( ) 3.05 FRONT TRANSMISSION BEARING INSTALLED
( ) 3.06 REAR TRANSMISSION BEARING INSTALLED
( ) 3.07 TRANSMISSION REASSEMBLED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 02 TRANSMISSION

USOE CODE NO(S) _____

UNIT 01 MANUAL TRANSMISSION

TERMOB NO. 9-009

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 02 TRANSMISSION

UNIT 01 MANUAL TRANSMISSION

TERMOB NO. 9-010

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH 3 SPEED MANUAL TRANSMISSION
( ) 1.02 SERVICE MANUAL
( ) 1.03 NEW PRESSURE PLATE
( ) 1.04 NEW CLUTCH DISC
( ) 1.05 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.06 CLUTCH ALIGNING TOOL
( ) 1.07 NEW PILOT BEARING
( ) 1.08 NEW RELEASE BEARING

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 REPLACE CLUTCH ASSEMBLY EMPLOYING THE FOLLOWING OPERATION, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

( ) 2.02 REPLACE PRESSURE PLATE
( ) 2.03 REPLACE CLUTCH DISC
( ) 2.04 REPLACE PILOT BEARING
( ) 2.05 REPLACE RELEASE BEARING
( ) 2.06 ADJUST CLUTCH PEDAL FREE PLAY

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CLUTCH ASSEMBLY REPLACED AND WILL PERFORM WITHOUT SLIPPAGE OF GEAR GRINDING WITH APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 PRESSURE PLATE REPLACED
( ) 3.03 CLUTCH DISC REPLACED
( ) 3.04 PILOT BEARING REPLACED
( ) 3.05 RELEASE BEARING REPLACED
( ) 3.06 CLUTCH PROPERLY ADJUSTED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

USOE CODE NO(S) _____

DIVISION 02 TRANSMISSION

UNIT 01 MANUAL TRANSMISSION

TERMOB NO. 9-010

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 02 TRANSMISSION

UNIT 01 MANUAL TRANSMISSION

TERMOB NO. 9-011

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH 3 SPEED MANUAL TRANSMISSION
( ) 1.02 SERVICE MANUAL
( ) 1.03 BASIC MECHANIC'S TOOLS (APPENDIX 1)
( ) 1.04 NEW PILOT BEARING
( ) 1.05 NEW RELEASE BEARING ASSEMBLY
( ) 1.06 CLUTCH ALIGNING TOOL
( ) 1.07 PILOT BEARING PULLER

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 REPLACE CLUTCH BEARINGS EMPLOYING THE FOLLOWING OPERATIONS, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

( ) 2.02 REPLACE PILOT BEARING
( ) 2.03 REPLACE RELEASE BEARING ASSEMBLY

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CLUTCH BEARINGS REPLACED WITH APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 PILOT BEARING REPLACED
( ) 3.03 RELEASE BEARING ASSEMBLY REPLACED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

USOE CODE NO(S) _____

DIVISION 02 TRANSMISSION

UNIT 01 MANUAL TRANSMISSION

TERMOB NO. 9-011

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 02 TRANSMISSION

UNIT 01 MANUAL TRANSMISSION

TERMOB NO. 9-012

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH MANUAL TRANSMISSION
( ) 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.03 REPLACEMENT TRANSMISSION SEALS
( ) 1.04 SERVICE MANUAL
( ) 1.05 TRANSMISSION SEAL PULLER
( ) 1.06 TRANSMISSION SEAL INSTALLER

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 REPLACE FRONT AND REAR TRANSMISSION SEALS TO FOLLOWING PROCEDURE:

( ) 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 FRONT AND REAR SEALS REPLACED PROPERLY TO APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 02 TRANSMISSION

USOE CODE NO(S) _____

UNIT 01 MANUAL TRANSMISSION

TERMOB NO. 9-012

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 02 TRANSMISSION

UNIT 02 AUTOMATIC TRANSMISSION

TERMOB NO. 9-013

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH AUTOMATIC TRANSMISSION
( ) 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.03 TRANSMISSION FLUID
( ) 1.04 SERVICE MANUAL
( ) 1.05 BAND ADJUSTING TOOLS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 PERFORM ROUTINE MAINTENANCE ON AUTOMATIC TRANSMISSION EMPLOYING FOLLOWING OPERATIONS, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

( ) 2.02 DRAIN TRANSMISSION FLUID
( ) 2.03 REMOVE AND CLEAN PAN
( ) 2.04 CLEAN OIL SCREEN
( ) 2.05 ADJUST TRANSMISSION BANDS
( ) 2.06 FILL TO NORMAL LEVEL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 ROUTINE MAINTENANCE ON AUTOMATIC TRANSMISSION COMPLETED WITH APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 TRANSMISSION DRAINED
( ) 3.03 TRANSMISSION PAN CLEANED
( ) 3.04 OIL SCREEN CLEANED
( ) 3.05 TRANSMISSION BANDS ADJUSTED
( ) 3.06 TRANSMISSION FILLED WITH FLUID

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 02 TRANSMISSION

USOE CODE NO(S) _____

UNIT 02 AUTOMATIC TRANSMISSION

TERMOB NO. 9-013

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 02 TRANSMISSION

UNIT 02 AUTOMATIC TRANSMISSION

TERMOB NO. 9-014

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH AUTOMATIC TRANSMISSION
( ) 1.02 SERVICE MANUAL
( ) 1.03 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.04 AUTOMATIC TRANSMISSION FLUID
( ) 1.05 REPLACEMENT OUTPUT SHAFT OIL SEAL
( ) 1.06 EXTENSION HOUSING GASKET
( ) 1.07 SPEEDOMETER PINION SEAL
( ) 1.08 SPEEDOMETER CABLE SEAL
( ) 1.09 OIL FILLER TUBE SEAL
( ) 1.10 OIL PAN GASKET
( ) 1.11 GEAR SHIFT CONTROL CABLE SEAL
( ) 1.12 THROTTLE SHAFT SEAL
( ) 1.13 NEUTRAL STARTING SWITCH SEAL
( ) 1.14 FRONT OIL PUMP HOUSING SEAL
( ) 1.15 IMPELLER SHAFT OIL SEAL

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 REPLACE TRANSMISSION SEALS EMPLOYING THE FOLLOWING OPERATIONS, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE

( ) 2.02 REPLACE TRANSMISSION OUTPUT SHAFT OIL SEAL
( ) 2.03 REPLACE EXTENSION HOUSING GASKET
( ) 2.04 REPLACE SPEEDOMETER PINION SEAL
( ) 2.05 REPLACE SPEEDOMETER CABLE SEAL
( ) 2.06 REPLACE OIL FILLER TUBE SEAL
( ) 2.07 REPLACE OIL PAN GASKET
( ) 2.08 REPLACE GEAR SHIFT CONTROL CABLE SEAL
( ) 2.09 REPLACE THROTTLE SHAFT SEAL
( ) 2.10 REPLACE NEUTRAL STARTING SWITCH SEAL
( ) 2.11 REPLACE FRONT OIL PUMP HOUSING SEAL
( ) 2.12 REPLACE IMPELLER SHAFT OIL SEAL

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 02 TRANSMISSION

USOE CODE NO(S) _____

UNIT 02 AUTOMATIC TRANSMISSION

TERMOB NO. 9-014

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 02 TRANSMISSION

UNIT 02 AUTOMATIC TRANSMISSION

TERMOB NO. 9-014 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 TRANSMISSION SEALS REPLACED PROPERLY TO APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 TRANSMISSION OUTPUT SHAFT OIL SEAL REPLACED
( ) 3.03 EXTENSION HOUSING GASKET REPLACED
( ) 3.04 SPEEDOMETER PINION SEAL REPLACED
( ) 3.05 SPEEDOMETER CABLE SEAL REPLACED
( ) 3.06 OIL FILLER TUBE SEAL REPLACED
( ) 3.07 OIL PAN GASKET REPLACED
( ) 3.08 GEAR SHIFT CONTROL CABLE SEAL REPLACED
( ) 3.09 THROTTLE SHAFT SEAL REPLACED
( ) 3.10 NEUTRAL STARTING SWITCH SEAL REPLACED
( ) 3.11 FRONT OIL PUMP HOUSING SEAL REPLACED
( ) 3.12 IMPELLER SHAFT OIL SEAL REPLACED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS DIVISION 02 TRANSMISSION

USOE CODE NO(S) _____ UNIT 02 AUTOMATIC TRANSMISSION

TERMOB NO. 9-014 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 02 TRANSMISSION

UNIT 02 AUTOMATIC TRANSMISSION

TERMOB NO. 9-015

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH AUTOMATIC TRANSMISSION
( ) 1.02 SERVICE MANUAL
( ) 1.03 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.04 LINKAGE ADJUSTING GAUGES

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 ADJUST AUTOMATIC TRANSMISSION LINKAGE TO FOLLOWING PROCEDURE:

( ) 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 AUTOMATIC TRANSMISSION LINKAGE ADJUSTED AND SHIFTS INTO EACH GEAR AS INDICATED WITH APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED.

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

USOE CODE NO(S) _____

DIVISION 02 TRANSMISSION

UNIT 02 AUTOMATIC TRANSMISSION

TERMOB NO. 9-015

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 03 AIR CONDITIONING

UNIT 01 TESTING

TERMOB NO. 9-016

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH AIR CONDITIONING
( ) 1.02 AIR CONDITIONING SERVICE MANUAL
( ) 1.03 AIR CONDITIONING TOOLS (TABLE T-3A)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 VISUALLY INSPECT AIR CONDITIONING SYSTEM FOR CAUSES OF POSSIBLE MALFUNCTION EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 INSPECT DRIVE BELTS
( ) 2.03 INSPECT CLUTCH
( ) 2.04 INSPECT ALL HOSES, TUBING AND CONNECTIONS
( ) 2.05 INSPECT ELECTRICAL WIRES AND CONNECTIONS
( ) 2.06 INSPECT ENGINE COOLING SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 AIR CONDITIONING SYSTEM INSPECTED AND ALL CAUSES OF POSSIBLE MALFUNCTION ARE LOCATED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 BELTS PROPERLY ALIGNED, NOT FRAYED OR WORN, AND TIGHT WITHIN SPECIFICATIONS
( ) 3.03 CLUTCH ENERGIZING AND ENGAGING PROPERLY
( ) 3.04 HOSES ARE NOT DRIED OR CRACKED, ALL LEAKS LOCATED
( ) 3.05 WIRES NOT WORN, CONNECTIONS TIGHT
( ) 3.06 SYSTEM CLEAN AND OPERATING PROPERLY

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 03 AIR CONDITIONING

USOE CODE NO(S) _____

UNIT 01 TESTING

TERMOB NO. 9-016

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 03 AIR CONDITIONING

UNIT 01 TESTING

TERMOB NO. 9-017

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH AIR CONDITIONING
( ) 1.02 AIR CONDITICNING SERVICE MANUAL
( ) 1.03 AIR CONDITIONING TOOLS (TABLE T-3A)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 OPERATIONALLY TEST AIR CONDITIONING SYSTEM FOR CAUSES OF POSSIBLE MALFUNCTION EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 CONNECT MANIFOLD GAUGES
( ) 2.03 PURGE AIR FROM CHARGING HOSES
( ) 2.04 START ENGINE
( ) 2.05 READ AIR VENT TEMPERATURE
( ) 2.06 CHECK SYSTEM FOR REFRIGERANT LEVEL
( ) 2.07 CHECK PRESSURE READING ON MANIFOLD GAUGES
( ) 2.08 CHECK FOR RESTRICTIONS OR PARTIAL BLOCKAGES IN SYSTEM

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 AIR CONDITIONING SYSTEM OPERATIONALLY TESTED FOR CAUSES OF POSSIBLE MALFUNCTION TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT TIME WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 SECURELY AT PROPER LOCATIONS
( ) 3.03 HIGH SIDE FIRST
( ) 3.04 ENGINE RUNNING AT 1750 RPM, SYSTEM ALLOWED TO STABILIZE
( ) 3.05 IN VENT NEAREST EVAPORATOR TEMPERATURE SHOULD BE BETWEEN 38-48° F
( ) 3.06 REFRIGERANT LEVEL CHECKED
( ) 3.07 PRESSURE AND AMBIENT TEMPERATURE ARE WITHIN SPECIFICATIONS
( ) 3.08 RESTRICTIONS OR PARTIAL BLOCKAGES LOCATED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS DIVISION 03 AIR CONDITIONING

USOE CODE NO(S) _____ UNIT 01 TESTING

TERMOB NO. 9-017

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 03 AIR CONDITIONING

UNIT 01 TESTING

TERMOB NO. 9-018

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH AIR CONDITIONING
( ) 1.02 AIR CONDITIONING SERVICE MANUAL
( ) 1.03 AIR CONDITIONING TOOLS (TABLE T-3A)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 TEST AIR CONDITIONING SYSTEM FOR LEAKS EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 VISUALLY INSPECT FOR LEAKS
( ) 2.03 USE FLAME TEST LEAK DETECTOR
( ) 2.04 USE ELECTRONIC LEAK DETECTOR
( ) 2.05 USE INTERNAL CHARGE LEAK DETECTOR

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 AIR CONDITIONING SYSTEM TESTED FOR LEAKS AND ALL LEAKS LOCATED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 ALL LEAKS LOCATED BY OBSERVING OIL RESIDUE
( ) 3.03 ALL LEAKS LOCATED BY OBSERVING FLAME COLOR CHANGE
( ) 3.04 ALL LEAKS LOCATED BY ELECTRONIC EQUIPMENT
( ) 3.05 ALL LEAKS LOCATED BY TELL-TALE RESIDUE

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 03 AIR CONDITIONING

USOE CODE NO(S) _____

UNIT 01 TESTING

TERMOB NO. 9-018

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 03 AIR CONDITIONING

UNIT 02 REPAIR

TERMOB NO. 9-019

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH AIR CONDITIONING
( ) 1.02 AIR CONDITIONING SERVICE MANUAL
( ) 1.03 AIR CONDITIONING TOOLS (TABLE T-3A)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 DISCHARGE AIR CONDITIONING SYSTEM EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 OPEN HIGH SIDE MANIFOLD HAND VALVE
( ) 2.03 OPEN LOW SIDE MANIFOLD HAND VALVE
( ) 2.04 INCREASE OPENINGS OF BOTH MANIFOLD HAND VALVES

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 AIR CONDITIONING SYSTEM IS DISCHARGED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 SLOWLY, NO COMPRESSOR OIL IS DISCHARGED WITH REFRIGERANT
( ) 3.03 SLOWLY, NO COMPRESSOR OIL IS DISCHARGED WITH REFRIGERANT
( ) 3.04 SLOWLY, AS PRESSURE DROPS UNTIL GAUGES INDICATE O PSI

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS DIVISION 03 AIR CONDITIONING

USOE CODE NO(S) _____ UNIT 02 REPAIR

TERMOB NO. 9-019

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 03 AIR CONDITIONING

UNIT 02 REPAIR

TERMOB NO. 9-020

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH AIR CONDITIONING AND LOCATED LEAKS
( ) 1.02 AIR CONDITIONING SERVICE MANUAL
( ) 1.03 AIR CONDITIONING TOOLS (TABLE T-3A)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 REPAIR LEAKS IN AIR CONDITIONING SYSTEM EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 REPLACE FAULTY "O" RING(S)
( ) 2.03 REPLACE FAULTY HOSE(S)
( ) 2.04 REPLACE COMPRESSOR SHAFT SEAL
( ) 2.05 REPLACE COMPRESSOR CLUTCH
( ) 2.06 REPLACE THERMOSTAT
( ) 2.07 REPLACE CONDENSER
( ) 2.08 REPLACE EXPANSION VALVE
( ) 2.09 REPLACE SUCTION THROTTLE VALVE
( ) 2.10 REPLACE EVAPORATION PRESSURE/TEMPERATURE REGULATOR

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 LEAKS IN AIR CONDITIONING SYSTEM ARE REPAIRED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 "O" RINGS REPLACED, CLEAN AND PROPERLY OILED
( ) 3.03 HOSES REPLACED, CONNECTIONS CLEAN AND PROPERLY OILED
( ) 3.04 COMPRESSOR SHAFT SEAL REPLACED, CLEAN AND PROPERLY OILED
( ) 3.05 COMPRESSOR CLUTCH REPLACED, CLEAN AND PROPERLY OILED
( ) 3.06 THERMOSTAT REPLACED, CLEAN AND PROPERLY OILED
( ) 3.07 CONDENSER REPLACED, CLEAN AND PROPERLY OILED
( ) 3.08 EXPANSION VALVE REPLACED, CLEAN AND PROPERLY OILED
( ) 3.09 SUCTION THROTTLE VALVE REPLACED, CLEAN AND PROPERLY OILED
( ) 3.10 EVAPORATION PRESSURE/TEMPERATURE REGULATOR REPLACED, CLEAN AND PROPERLY OILED

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MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 03 AIR CONDITIONING

USOE CODE NO(S) _____

UNIT 02 REPAIR

TERMOB NO. 9-020

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 03 AIR CONDITIONING

UNIT 02 REPAIR

TERMOB NO. 9-021

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH AIR CONDITIONING
( ) 1.02 AIR CONDITIONING SERVICE MANUAL
( ) 1.03 AIR CONDITIONING TOOLS (TABLE T-3A)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 EVACUATE AIR CONDITIONING SYSTEM EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 CONNECT CENTER HOSE TO VACUUM PUMP
( ) 2.03 OPEN MANIFOLD VALVES
( ) 2.04 EVACUATE SYSTEM
( ) 2.05 CLOSE MANIFOLD VALVES
( ) 2.06 REMOVE VACUUM PUMP

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 AIR CONDITIONING SYSTEM IS EVACUATED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 CONNECTIONS ARE CLEAN AND "AIR TIGHT"
( ) 3.03 MANIFOLD VALVES OPEN
( ) 3.04 FOR 30 MINUTES AFTER READING REACHES 29"
( ) 3.05 MANIFOLD VALVES CLOSED
( ) 3.06 VACUUM PUMP REMOVED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 03 AIR CONDITIONING

USOE CODE NO(S) _____

UNIT 02 REPAIR

TERMOB NO. 9-021

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 03 AIR CONDITIONING

UNIT 02 REPAIR

TERMOB NO. 9-022

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH AIR CONDITIONING SYSTEM EVACUATED
( ) 1.02 AIR CONDITIONING SERVICE MANUAL
( ) 1.03 AIR CONDITIONING TOOLS (TABLE T-3A)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 RECHARGE AIR CONDITIONING SYSTEM EMPLOYING THE FOLLOWING OPERATIONS:

( ) 2.02 CONNECT CENTER HOSE TO NEW CAN OF REFRIGERANT
( ) 2.03 PURGE AIR FROM CENTER HOSE
( ) 2.04 OPEN HIGH SIDE MANIFOLD VALVE
( ) 2.05 CLOSE HIGH SIDE MANIFOLD VALVE
( ) 2.06 START ENGINE
( ) 2.07 OPEN LOW SIDE MANIFOLD VALVE
( ) 2.08 CLOSE LOW SIDE MANIFOLD VALVE
( ) 2.09 REPEAT PROCESS

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 AIR CONDITIONING SYSTEM IS RECHARGED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 CONNECTIONS ARE CLEAN AND "PRESSURE TIGHT"
( ) 3.03 CENTER HOSE FREE OF AIR
( ) 3.04 REFRIGERANT IS FLOWING INTO SYSTEM
( ) 3.05 WHEN GAUGES STOP RISING
( ) 3.06 ENGINE IS RUNNING AT 1750 RPM, SYSTEM ALLOWED TO STABILIZE
( ) 3.07 REFRIGERANT IS FLOWING INTO SYSTEM
( ) 3.08 WHEN GAUGES STOP RISING
( ) 3.09 WITH AS MANY CANS OF REFRIGERANT AS NECESSARY TO BRING SYSTEM TO FULL CHARGE, SYSTEM IS NOT OVERCHARGED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 03 AIR CONDITIONING

USOE CODE NO(S) _____

UNIT 02 REPAIR

TERMOB NO. 9-022

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 04 DRIVE LINE & REAR END

UNIT UNIVERSAL JOINTS

TERMOB NO. 9-023

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE
( ) 1.02 SERVICE MANUAL
( ) 1.03 NEW UNIVERSAL JOINTS
( ) 1.04 BASIC MECHANIC'S TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 REPLACE UNIVERSAL JOINTS TO FOLLOWING PROCEDURE:

( ) 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 UNIVERSAL JOINTS REPLACED AND ALL TOLERANCES AND ADJUSTMENTS WITHIN MANUFACTURER'S SPECIFICATIONS WITH APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 04 DRIVE LINE & REAR END

USOE CODE NO(S) _____

UNIT UNIVERSAL JOINTS

TERMOB NO. 9-023

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____ 107

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 04 DRIVE LINE & REAR END

UNIT 02 REAR AXLES

TERMOB NO. 9-024

1.00 CONDITION

( ) 1.01 ANY AUTOMOBIL
( ) 1.02 SERVICE MANUAL
( ) 1.03 BASIC MECHANIC (TABLE T-3)
( ) 1.04 OIL SEAL
( ) 1.05 BEARING RETAINER
( ) 1.06 GREASE BAFFLE
( ) 1.07 BEARING ASSEMBLY
( ) 1.08 GASKET
( ) 1.09 AXLES
( ) 1.10 AXLE PULLER
( ) 1.11 AXLE SEAL PULLER
( ) 1.12 AXLE SEAL INSTALLER

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 REPLACE REAR AXLES EMPLOYING THE FOLLOWING OPERATIONS, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

( ) 2.02 REMOVE AXLES
( ) 2.03 REPLACE GASKETS
( ) 2.04 REPLACE OIL SEALS
( ) 2.05 REPLACE BEARING RETAINER
( ) 2.06 REPLACE BEARING ASSEMBLY
( ) 2.07 REPLACE GREASE BAFFLE
( ) 2.08 REPLACE AXLES

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 REAR AXLES REPLACED ACCORDING TO MANUFACTURER'S SPECIFICATIONS TO APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 AXLES REMOVED
( ) 3.03 GASKETS REPLACED
( ) 3.04 OIL SEALS REPLACED
( ) 3.05 BEARING RETAINER REPLACED
( ) 3.06 BEARING ASSEMBLY REPLACED
( ) 3.07 GREASE BAFFLE REPLACED

( ) 1.01 ANY AUTOMOBILE
( ) 1.02 SERVICE MANUAL
( ) 1.03 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.04 OIL SEAL
( ) 1.05 BEARING RETAINER
( ) 1.06 GREASE BAFFLE
( ) 1.07 BEARING ASSEMBLY
( ) 1.08 GASKET
( ) 1.09 AXLES
( ) 1.10 AXLE PULLER
( ) 1.11 AXLE SEAL PULLER
( ) 1.12 AXLE SEAL INSTALLER

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 REPLACE REAR AXLES EMPLOYING THE FOLLOWING OPERATIONS, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

( ) 2.02 REMOVE AXLES
( ) 2.03 REPLACE GASKETS
( ) 2.04 REPLACE OIL SEALS
( ) 2.05 REPLACE BEARING RETAINER
( ) 2.06 REPLACE BEARING ASSEMBLY
( ) 2.07 REPLACE GREASE BAFFLE
( ) 2.08 REPLACE AXLES

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 REAR AXLES REPLACED ACCORDING TO MANUFACTURER'S SPECIFICATIONS TO APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 AXLES REMOVED
( ) 3.03 GASKETS REPLACED
( ) 3.04 OIL SEALS REPLACED
( ) 3.05 BEARING RETAINER REPLACED
( ) 3.06 BEARING ASSEMBLY REPLACED
( ) 3.07 GREASE BAFFLE REPLACED
( ) 3.08 AXLES REPLACED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

USOE CODE NO(S) _____

DIVISION 04 DRIVE LINE & REAR END

UNIT 02 REAR AXLES

TERMOB NO. 9-024

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 04 DRIVE LINE & REAR END

UNIT 03 SEALS

TERMOB NO. 9-025

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE
( ) 1.02 SERVICE MANUAL
( ) 1.03 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.04 NEW REAR AXLE SEALS
( ) 1.05 AXLE SEAL PULLER
( ) 1.06 AXLE SEAL INSTALLER

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 REPLACE REAR AXLE SEALS TO FOLLOWING PROCEDURE:

( ) 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 REAR AXLE SEALS REPLACED AND NO LEAKS INTO BRAKE DRUMS WITH APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 04 DRIVE LINE & REAR END

USOE CODE NO(S) _____

UNIT 03 SEALS

TERMOB NO. 9-025

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 05 EXHAUST SYSTEM

UNIT 01 EMISSION CONTROL

TERMOB NO. 9-026

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE
( ) 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.03 SERVICE MANUAL

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 SERVICE EXHAUST EMISSION SYSTEM TO FOLLOWING PROCEDURE:

( ) 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 EXHAUST EMISSION SYSTEM SERVICED ACCORDING TO MANUFACTURER'S SPECIFICATIONS MEETING APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 05 EXHAUST SYSTEM

USOE CODE NO(S) _____

UNIT 01 EMISSION CONTROL

TERMOB NO. 9-026

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 05 EXHAUST SYSTEM

UNIT 01 EMISSION CONTROLS

TERMOB NO. 9-027

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE
( ) 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.03 P.C.V. VALVE

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 REPLACE P.C.V. VALVE TO FOLLOWING PROCEDURE:

( ) 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 P.C.V. VALVE REPLACED TO MANUFACTURER'S SPECIFICATIONS MEETING APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 05 EXHAUST SYSTEM

USOE CODE NO(S) _____

UNIT 01 EMISSION CONTROLS

TERMOB NO. 9-027

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 05 EXHAUST SYSTEM

UNIT 02 EXHAUST PIPES & MUFFLERS

TERMOB NO. 9-028

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH ENGINE EXHAUST LEAKS
( ) 1.02 NEW EXHAUST PIPES AND MUFFLER
( ) 1.03 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.04 SERVICE MANUAL
( ) 1.05 OXYGEN-ACETYLENE WELDING EQUIPMENT
( ) 1.06 EXHAUST MANIFOLD AND GASKET

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 REPAIR EXHAUST LEAKS EMPLOYING THE FOLLOWING OPERATION, PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

( ) 2.02 INSTALL EXHAUST PIPES, MUFFLERS, AND TAIL PIPE

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 ALL EXHAUST LEAKS REPAIRED TO APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 EXHAUST PIPES, MUFFLER AND TAIL PIPE INSTALLED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 05 EXHAUST SYSTEM

USOE CODE NO(S) _____

UNIT 02 EXHAUST PIPES & MUFFLERS

TERMOB NO. 9-028

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 05 EXHAUST SYSTEM

UNIT 03 MANIFOLD

TERMOB NO. 9-066

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH ENGINE EXHAUST LEAKS
( ) 1.02 NEW EXHAUST PIPES AND MUFFLER
( ) 1.03 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.04 SERVICE MANUAL
( ) 1.05 OXYGEN-ACETYLENE WELDING EQUIPMENT
( ) 1.06 EXHAUST MANIFOLD AND GASKET

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANE AND RESULTING OUTCOME

( ) 2.01 REPAIR EXHAUST LEAKS EMPLOYING EACH OF THE FOLLOWING OPERATIONS, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

( ) 2.02 REPLACE EXHAUST MANIFOLD
( ) 2.03 REPLACE HEAT RISER VALVES

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 ALL EXHAUST LEAKS REPAIRED TO APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 EXHAUST MANIFOLD REPLACED
( ) 3.03 HEAT RISER VALVES REPLACED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 05 EXHAUST SYSTEM

USOE CODE NO(S) _____

UNIT 03 MANIFOLD

TERMOB NO. 9-066

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 06 ELECTRICAL

UNIT 01 STARTING SYSTEM

TERMOB NO. 9-029

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH MALFUNCTIONING STARTER MOTOR
( ) 1.02 SERVICE MANUAL
( ) 1.03 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.04 VOLTMETER/AMMETER TESTER

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 TEST THE STARTER EMPLOYING FOLLOWING OPERATIONS, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

( ) 2.02 CHECK CRANKING RPM
( ) 2.03 CHECK STARTER RELAY
( ) 2.04 PERFORM CURRENT DRAW TEST
( ) 2.05 CHECK VOLTAGE DROP CIRCUIT
( ) 2.06 CHECK CABLES AND CONNECTIONS

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 STARTER TESTED AND PERFORMING TO MANUFACTURER'S SPECIFICATIONS WITH APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 CRANKING RPM CHECKED
( ) 3.03 STARTER RELAY CHECKED
( ) 3.04 CURRENT DRAW TESTED
( ) 3.05 VOLTAGE DROP CIRCUIT CHECKED
( ) 3.06 CABLES AND CONNECTIONS CHECKED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 06 ELECTRICAL

USOE CODE NO(S) _____

UNIT 01 STARTING SYSTEM

TERMOB NO. 9-029

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 06 ELECTRICAL

UNIT 01 STARTING SYSTEM

TERMOB NO. 9-030

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH MALFUNCTIONING STARTER
( ) 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.03 SERVICE MANUAL
( ) 1.04 NEW STARTER DRIVE ASSEMBLY

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 REPAIR STARTER EMPLOYING FOLLOWING OPERATIONS, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

( ) 2.02 REMOVE STARTER
( ) 2.03 REPLACE STARTER DRIVE ASSEMBLY
( ) 2.04 REPLACE STARTER

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 STARTER REPAIRED AND PERFORMING TO MANUFACTURER'S SPECIFICATIONS WITH APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 STARTER REMOVED
( ) 3.03 STARTER DRIVE ASSEMBLY REPLACED
( ) 3.04 STARTER REPLACED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS DIVISION 06 ELECTRICAL

USOE CODE NO(S) _____ UNIT 01 STARTING SYSTEM

TERMOB NO. 9-030

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 06 ELECTRICAL

UNIT 02 CHARGING SYSTEM

TERMOB NO. 9-031

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH MALFUNCTIONING CHARGING SYSTEM
( ) 1.02 HYDROMETER
( ) 1.03 VOLTMETER
( ) 1.04 AMMETER
( ) 1.05 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.06 OSCILLOSCOPE
( ) 1.07 SERVICE MANUAL
( ) 1.08 DIODE TESTER

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 CHECK CHARGING SYSTEM EMPLOYING FOLLOWING OPERATIONS, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

( ) 2.02 CHECK SPECIFIC GRAVITY IN BATTERY
( ) 2.03 CHECK BATTERY CONNECTIONS
( ) 2.04 INSPECT DRIVE BELTS
( ) 2.05 CHECK DIODES IN ALTERNATOR
( ) 2.06 CHECK ALTERNATOR/GENERATOR CURRENT OUTPUT
( ) 2.07 TEST VOLTAGE/ALTERNATOR REGULATOR
( ) 2.08 CHECK CHARGING CIRCUIT RESISTANCE

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CHARGING SYSTEM CHECKED AND ALL MALFUNCTIONS LOCATED WITH APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE OF TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 SPECIFIC GRAVITY IN BATTERY CHECKED
( ) 3.03 BATTERY CONNECTION CHECKED
( ) 3.04 DRIVE BELTS INSPECTED
( ) 3.05 DIODE IN ALTERNATOR CHECKED
( ) 3.06 CURRENT OUTPUT OF GENERATOR/ALTERNATOR CHECKED
( ) 3.07 VOLTAGE/ALTERNATOR REGULATOR TESTED
( ) 3.08 CHARGING CIRCUIT RESISTANCE CHECKED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 06 ELECTRICAL

USOE CODE NO(S) _____

UNIT 02 CHARGING SYSTEM

TERMOB NO. 9-031

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 06 ELECTRICAL

UNIT 02 CHARGING SYSTEM

TERMOB NO. 9-032

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH MALFUNCTIONING CHARGING SYSTEM
( ) 1.02 SERVICE MANUAL
( ) 1.03 VOLTMETER
( ) 1.04 AMMETER
( ) 1.05 OSCILLOSCOPE
( ) 1.06 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.07 BRUSHES FOR GENERATOR
( ) 1.08 DIODES FOR ALTERNATOR
( ) 1.09 NEW GENERATOR/ALTERNATOR
( ) 1.10 NEW VOLTAGE/ALTERNATOR REGULATOR
( ) 1.11 DRIVE BELTS
( ) 1.12 NEW BATTERY
( ) 1.13 DIODE TESTER

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 REMEDY MALFUNCTIONING CHARGING SYSTEM EMPLOYING ONE OR MORE OF THE FOLLOWING OPERATIONS, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

( ) 2.02 REPLACE BRUSHES IN GENERATOR
( ) 2.03 CLEAN GENERATOR COMMUTATOR GROOVES
( ) 2.04 REPLACE DIODES IN ALTERNATOR
( ) 2.05 REPLACE GENERATOR
( ) 2.06 REPLACE ALTERNATOR
( ) 2.07 CLEAN CONTACTS IN VOLTAGE/ALTERNATOR REGULATOR
( ) 2.08 REPLACE VOLTAGE/ALTERNATOR REGULATOR
( ) 2.09 CLEAN BATTERY CONNECTIONS
( ) 2.10 REPLACE BATTERY
( ) 2.11 TIGHTEN DRIVE BELTS
( ) 2.12 REPLACE DRIVE BELTS
( ) 2.13 TEST GENERATOR/ALTERNATOR

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CHARGING SYSTEM FUNCTIONING ACCORDING TO MANUFACTURER'S SPECIFICATIONS WITH APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 BRUSHES IN GENERATOR REPLACED
( ) 3.03 GENERATOR COMMUTATOR GROOVES CLEANED

( ) 1.01 ANY AUTOMOBILE WITH MALFUNCTIONING CHARGING SYSTEM
( ) 1.02 SERVICE MANUAL
( ) 1.03 VOLTMETER
( ) 1.04 AMMETER
( ) 1.05 OSCILLOSCOPE
( ) 1.06 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.07 BRUSHES FOR GENERATOR
( ) 1.08 DIODES FOR ALTERNATOR
( ) 1.09 NEW GENERATOR/ALTERNATOR
( ) 1.10 NEW VOLTAGE/ALTERNATOR REGULATOR
( ) 1.11 DRIVE BELTS
( ) 1.12 NEW BATTERY
( ) 1.13 DIODE TESTER

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 REMEDY MALFUNCTIONING CHARGING SYSTEM EMPLOYING ONE OR MORE OF THE FOLLOWING OPERATIONS, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

( ) 2.02 REPLACE BRUSHES IN GENERATOR
( ) 2.03 CLEAN GENERATOR COMMUTATOR GROOVES
( ) 2.04 REPLACE DIODES IN ALTERNATOR
( ) 2.05 REPLACE GENERATOR
( ) 2.06 REPLACE ALTERNATOR
( ) 2.07 CLEAN CONTACTS IN VOLTAGE/ALTERNATOR REGULATOR
( ) 2.08 REPLACE VOLTAGE/ALTERNATOR REGULATOR
( ) 2.09 CLEAN BATTERY CONNECTIONS
( ) 2.10 REPLACE BATTERY
( ) 2.11 TIGHTEN DRIVE BELTS
( ) 2.12 REPLACE DRIVE BELTS
( ) 2.13 TEST GENERATOR/ALTERNATOR

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CHARGING SYSTEM FUNCTIONING ACCORDING TO MANUFACTURER'S SPECIFICATIONS WITH APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 BRUSHES IN GENERATOR REPLACED
( ) 3.03 GENERATOR COMMUTATOR GROOVES CLEANED
( ) 3.04 DIODE IN ALTERNATOR REPLACED
( ) 3.05 GENERATOR REPLACED
( ) 3.06 ALTERNATOR REPLACED
( ) 3.07 CONTACTS CLEANED
( ) 3.08 REGULATOR REPLACED
( ) 3.09 BATTERY CONNECTIONS CLEANED
( ) 3.10 BATTERY REPLACED
( ) 3.11 DRIVE BELTS TIGHT
( ) 3.12 DRIVE BELTS REPLACED
( ) 3.13 GENERATOR/ALTERNATOR OPERATING PROPERLY

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 06 ELECTRICAL

USOE CODE NO(S) _____

UNIT 02 CHARGING SYSTEM

TERMOB NO. 9-032

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 06 ELECTRICAL

UNIT 03 LIGHTING SYSTEM

TERMOB NO. 9-033

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH MALFUNCTIONING LIGHTING SYSTEM
( ) 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.03 SERVICE MANUAL
( ) 1.04 LIGHTING SWITCHES
( ) 1.05 LAMPS
( ) 1.06 12 VOLT TEST LIGHT

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 REMEDY MALFUNCTIONING LIGHTING SYSTEM EMPLOYING ONE OR MORE OF THE FOLLOWING OPERATIONS, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

( ) 2.02 TRACE LIGHTING CIRCUITS AND HARNESSES
( ) 2.03 TRACE AND REPAIR OPENS AND SHORTS
( ) 2.04 REPAIR HARNESS
( ) 2.05 REPLACE DEFECTIVE LAMPS
( ) 2.06 REPLACE DEFECTIVE SWITCHES
( ) 2.07 CHECK AND SECURE ALL LIGHTING CONNECTIONS
( ) 2.08 ADJUST HEADLIGHTS
( ) 2.09 REPLACE SIGNAL FLASHERS

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 ALL LIGHTS FUNCTIONING ACCORDING TO MANUFACTURER'S SPECIFICATIONS WITH APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 LIGHTING CIRCUIT AND HARNESS TRACED
( ) 3.03 ALL OPENS AND SHORTS REPAIRED
( ) 3.04 HARNESS REPAIRED
( ) 3.05 LAMPS REPLACED
( ) 3.06 SWITCHES REPLACED
( ) 3.07 ALL LIGHTING CONNECTIONS CHECKED AND SECURED
( ) 3.08 HEADLIGHTS ARE ADJUSTED
( ) 3.09 SIGNAL FLASHERS REPLACED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 06 ELECTRICAL

USOE CODE NO(S) _____

UNIT 03 LIGHTING SYSTEM

TERMOB NO. 9-033

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 06 ELECTRICAL

UNIT 04 ACCESSORIES

TERMOB NO. 9-034

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH MALFUNCTIONING ELECTRICAL ACCESSORIES
( ) 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.03 SERVICE MANUAL
( ) 1.04 RADIO FREQUENCY INTERFERENCE SHIELD
( ) 1.05 HORN RELAY
( ) 1.06 ELECTRIC SWITCHES
( ) 1.07 ELECTRIC WIPER MOTOR
( ) 1.08 CIGARETTE LIGHTER
( ) 1.09 OIL AND TEMPERATURE GAUGES
( ) 1.10 GAS TANK UNIT AND GAUGE
( ) 1.11 NEW RADIO AND ANTENNA
( ) 1.12 ELECTRIC WINDOW MOTOR
( ) 1.13 SPEEDOMETER CABLE
( ) 1.14 FREON
( ) 1.15 HEATER CORE
( ) 1.16 HEATER BLOWER
( ) 1.17 SOLDERING IRON AND SOLDER

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 REMEDY MALFUNCTIONING ELECTRICAL ACCESSORIES EMPLOYING ONE OR MORE OF THE FOLLOWING OPERATIONS, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE.

( ) 2.02 CHECK FUSE BOX
( ) 2.03 CHECK AND SECURE ALL ELECTRICAL CONNECTIONS
( ) 2.04 LOCATE, TEST AND REPLACE DEFECTIVE RADIO FREQUENCY INTERFERENCE SHIELD
( ) 2.05 TEST, REPAIR OR REPLACE HORN RELAY
( ) 2.06 TEST, REPAIR OR REPLACE ELECTRIC WIPER MOTOR
( ) 2.07 TEST, REPAIR OR REPLACE OVERDRIVE CIRCUIT AND SWITCHES
( ) 2.08 TEST, REPAIR OR REPLACE CIGARETTE LIGHTER
( ) 2.09 TEST, REPAIR OR REPLACE OIL AND TEMPERATURE GAUGES
( ) 2.10 TEST, REPAIR OR REPLACE GAS TANK UNIT AND GAUGE
( ) 2.11 TEST, REPAIR OR REPLACE RADIO & ANTENNA
( ) 2.12 TEST, REPAIR OR REPLACE ELECTRIC WINDOW MOTOR
( ) 2.13 TEST, REPAIR OR REPLACE SPEEDOMETER CABLE
( ) 2.14 CHARGE AIR CONDITIONER
( ) 2.15 REPAIR OR REPLACE HEATER CORE
( ) 2.16 REPAIR OR REPLACE HEATER BLOWER
( ) 2.17 CHECK AND REPAIR ALL ELECTRICAL ACCESSORY SWITCHES

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 06 ELECTRICAL

USOE CODE NO(S) _____

UNIT 04 ACCESSORIES

TERMOB NO. 9-034

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 06 ELECTRICAL

UNIT 04 ACCESSORIES

TERMOB NO. 9-034 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 ALL ELECTRICAL ACCESSORIES FUNCTIONING ACCORDING TO MANUFACTURER'S SPECIFICATIONS WITH APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME FOR EACH OPERATION PERFORMED, WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 ALL FUSES CHECKED
( ) 3.03 ALL ELECTRICAL CONNECTIONS ARE SECURE
( ) 3.04 DEFECTIVE RADIO FREQUENCY INTERFERENCE SHIELD FUNCTIONS PROPERLY
( ) 3.05 HORN RELAY FUNCTIONS PROPERLY
( ) 3.06 ELECTRIC WIPERS OPERATE PROPERLY
( ) 3.07 OVERDRIVE CIRCUIT AND SWITCHES FUNCTION IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS
( ) 3.08 CIGARETTE LIGHTER OPERATIVE
( ) 3.09 OIL AND TEMPERATURE GAUGES ARE OPERATIVE
( ) 3.10 GAS TANK UNIT AND GAUGE ARE OPERATIVE
( ) 3.11 RADIO AND ANTENNA FUNCTION PROPERLY
( ) 3.12 ELECTRIC WINDOW IS OPERATIVE
( ) 3.13 SPEEDOMETER FUNCTIONS PROPERLY
( ) 3.14 AIR CONDITIONER IS CHARGED
( ) 3.15 HEATER CORE IS REPAIRED OR REPLACED
( ) 3.16 HEATER BLOWER IS REPAIRED OR REPLACED
( ) 3.17 ELECTRICAL ACCESSORY SWITCHES ARE OPERATIVE

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

USOE CODE NO(S) _____

DIVISION 06 ELECTRICAL

UNIT 04 ACCESSORIES

TERMOB NO. 9-034 (CONT.)

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____ 135

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 06 ELECTRICAL

UNIT 05 IGNITION SYSTEM

TERMOB NO. 9-035

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH A STANDARD IGNITION SYSTEM
( ) 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.03 SERVICE MANUAL
( ) 1.04 OHMMETER
( ) 1.05 DWELL METER
( ) 1.06 OSCILLOSCOPE
( ) 1.07 REPLACEMENT COIL
( ) 1.08 REPLACEMENT SPARK PLUGS
( ) 1.09 REPLACEMENT IGNITION WIRES
( ) 1.10 REPLACEMENT CONDENSER
( ) 1.11 REPLACEMENT DISTRIBUTOR CAP
( ) 1.12 REPLACEMENT ROTOR
( ) 1.13 REPLACEMENT POINTS
( ) 1.14 COIL TESTER
( ) 1.15 CARBURETOR CLEANER
( ) 1.16 P.C.V. VALVE
( ) 1.17 TIMING LIGHT

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 PERFORM IGNITION SYSTEM TUNE UP EMPLOYING FOLLOWING OPERATIONS EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

( ) 2.02 REPLACE COIL
( ) 2.03 REPLACE IGNITION WIRES
( ) 2.04 REPLACE CONDENSER
( ) 2.05 REPLACE SPARK PLUGS
( ) 2.06 REPLACE ROTOR
( ) 2.07 REPLACE DISTRIBUTOR CAP
( ) 2.08 CLEAN CARBURETOR
( ) 2.09 ADJUST CARBURETOR AND AUTOMATIC CHOKE
( ) 2.10 SET DWELL ANGLE
( ) 2.11 ADJUST IGNITION TIMING
( ) 2.12 REPLACE P.C.V. VALVE
( ) 2.13 INSPECT ALL BELTS
( ) 2.14 INSPECT BATTERY AND FILL TO PROPER LEVEL
( ) 2.15 REPLACE IGNITION POINTS

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 ENGINE OPERATING SMOOTHLY WITH ALL ADJUSTMENTS WITHIN MANUFACTURER'S SPECIFICATIONS TO APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE

( ) 1.01 ANY AUTOMOBILE WITH A STANDARD IGNITION SYSTEM
( ) 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.03 SERVICE MANUAL
( ) 1.04 OHMMETER
( ) 1.05 DWELL METER
( ) 1.06 OSCILLOSCOPE
( ) 1.07 REPLACEMENT COIL
( ) 1.08 REPLACEMENT SPARK PLUGS
( ) 1.09 REPLACEMENT IGNITION WIRES
( ) 1.10 REPLACEMENT CONDENSER
( ) 1.11 REPLACEMENT DISTRIBUTOR CAP
( ) 1.12 REPLACEMENT ROTOR
( ) 1.13 REPLACEMENT POINTS
( ) 1.14 COIL TESTER
( ) 1.15 CARBURETOR CLEANER
( ) 1.16 P.C.V. VALVE
( ) 1.17 TIMING LIGHT

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 PERFORM IGNITION SYSTEM TUNE UP EMPLOYING FOLLOWING OPERATIONS EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

( ) 2.02 REPLACE COIL
( ) 2.03 REPLACE IGNITION WIRES
( ) 2.04 REPLACE CONDENSER
( ) 2.05 REPLACE SPARK PLUGS
( ) 2.06 REPLACE ROTOR
( ) 2.07 REPLACE DISTRIBUTOR CAP
( ) 2.08 CLEAN CARBURETOR
( ) 2.09 ADJUST CARBURETOR AND AUTOMATIC CHOKE
( ) 2.10 SET DWELL ANGLE
( ) 2.11 ADJUST IGNITION TIMING
( ) 2.12 REPLACE P.C.V. VALVE
( ) 2.13 INSPECT ALL BELTS
( ) 2.14 INSPECT BATTERY AND FILL TO PROPER LEVEL
( ) 2.15 REPLACE IGNITION POINTS

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 ENGINE OPERATING SMOOTHLY WITH ALL ADJUSTMENTS WITHIN MANUFACTURER'S SPECIFICATIONS TO APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 COIL REPLACED
( ) 3.03 IGNITION WIRES REPLACED
( ) 3.04 CONDENSER REPLACED
( ) 3.05 SPARK PLUGS REPLACED
( ) 3.06 ROTOR REPLACED
( ) 3.07 DISTRIBUTOR CAP REPLACED
( ) 3.08 CARBURETOR IS CLEANED
( ) 3.09 CARBURETOR AND AUTOMATIC CHOKE ARE ADJUSTED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 06 ELECTRICAL

USOE CODE NO(S) _____

UNIT 05 IGNITION SYSTEM

TERMOB NO. 9-035

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 06 ELECTRICAL

UNIT 05 IGNITION SYSTEM

TERMOB NO. 9-035 (CONT.)

3.00 EXTENT (CONT.)

( ) 3.10 DWELL ANGLE IS PROPERLY SET
( ) 3.11 IGNITION TIMING IS ADJUSTED
( ) 3.12 P.C.V. VALVE IS REPLACED
( ) 3.13 ALL BELTS ARE INSPECTED
( ) 3.14 BATTERY INSPECTED AND FILLED TO APPROPRIATE LEVEL
( ) 3.15 IGNITION POINTS REPLACED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

USOE CODE NO(S) _____

DIVISION 06 ELECTRICAL

UNIT 05 IGNITION SYSTEM

TERMOB NO. 9-035 (CONT.)

3.00 EXTENT (CONT.)

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 07 SUSPENSION

UNIT 01 SHOCK ABSORBERS

TERMOB NO. 9-036

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE
( ) 1.02 4 NEW SHOCK ABSORBERS
( ) 1.03 RUBBER BUSHINGS
( ) 1.04 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.05 JACK AND STAND
( ) 1.06 SERVICE MANUAL

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 REPLACE ALL SHOCK ABSORBERS TO THE FOLLOWING PROCEDURE:

( ) 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 SHOCKS INSTALLED WITH BUSHINGS AND BOLTS FASTENED FIRMLY TO APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED AS SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 07 SUSPENSION

USOE CODE NO(S) _____

UNIT 01 SHOCK ABSORBERS

TERMOB NO. 9-036

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 07 SUSPENSION

UNIT 02 FRONT END

TERMOB NO. 9-037

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE
( ) 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.03 FRONT END ALIGNMENT MACHINE
( ) 1.04 WHEEL BALANCER
( ) 1.05 WHEEL BALANCING WEIGHTS
( ) 1.06 REPLACEMENT BALL JOINTS
( ) 1.07 REPLACEMENT UPPER CONTROL ARM
( ) 1.08 REPLACEMENT LOWER CONTROL ARM
( ) 1.09 REPLACEMENT WHEEL BEARINGS (FRONT)
( ) 1.10 REPLACEMENT SHOCK ABSORBERS
( ) 1.11 LIFT
( ) 1.12 BALL JOINT REMOVAL AND INSTALLATION EQUIPMENT

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 OVERHAUL FRONT END EMPLOYING FOLLOWING OPERATIONS, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

( ) 2.02 REPLACE BALL JOINTS
( ) 2.03 REPLACE LOWER CONTROL ARM
( ) 2.04 REPLACE UPPER CONTROL ARM
( ) 2.05 REPLACE FRONT COIL SPRINGS
( ) 2.06 REPLACE FRONT WHEEL BEARINGS
( ) 2.07 REPLACE FRONT SHOCKS
( ) 2.08 ALIGN FRONT END
( ) 2.09 BALANCE FRONT WHEELS

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 FRONT END OVERHAULED AND OPERATING PROPERLY TO APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 BALL JOINTS REPLACED
( ) 3.03 LOWER CONTROL ARM REPLACED
( ) 3.04 UPPER CONTROL ARM REPLACED
( ) 3.05 FRONT COIL SPRINGS REPLACED
( ) 3.06 FRONT WHEEL BEARINGS REPLACED

( ) 1.01 ANY AUTOMOBILE
( ) 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.03 FRONT END ALIGNMENT MACHINE
( ) 1.04 WHEEL BALANCER
( ) 1.05 WHEEL BALANCING WEIGHTS
( ) 1.06 REPLACEMENT BALL JOINTS
( ) 1.07 REPLACEMENT UPPER CONTROL ARM
( ) 1.08 REPLACEMENT LOWER CONTROL ARM
( ) 1.09 REPLACEMENT WHEEL BEARINGS (FRONT)
( ) 1.10 REPLACEMENT SHOCK ABSORBERS
( ) 1.11 LIFT
( ) 1.12 BALL JOINT REMOVAL AND INSTALLATION EQUIPMENT

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 OVERHAUL FRONT END EMPLOYING FOLLOWING OPERATIONS, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

( ) 2.02 REPLACE BALL JOINTS
( ) 2.03 REPLACE LOWER CONTROL ARM
( ) 2.04 REPLACE UPPER CONTROL ARM
( ) 2.05 REPLACE FRONT COIL SPRINGS
( ) 2.06 REPLACE FRONT WHEEL BEARINGS
( ) 2.07 REPLACE FRONT SHOCKS
( ) 2.08 ALIGN FRONT END
( ) 2.09 BALANCE FRONT WHEELS

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 FRONT END OVERHAULED AND OPERATING PROPERLY TO APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 BALL JOINTS REPLACED
( ) 3.03 LOWER CONTROL ARM REPLACED
( ) 3.04 UPPER CONTROL ARM REPLACED
( ) 3.05 FRONT COIL SPRINGS REPLACED
( ) 3.06 FRONT WHEEL BEARINGS REPLACED
( ) 3.07 FRONT SHOCK ABSORBERS REPLACED
( ) 3.08 FRONT END ALIGNED
( ) 3.09 FRONT WHEELS BALANCED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 07 SUSPENSION

USOE CODE NO(S) _____

UNIT 02 FRONT END

TERMOB NO. 9-037

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 07 SUSPENSION

UNIT 03 WHEELBEARINGS

TERMOB NO. 9-038

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE
( ) 1.02 WHEEL BEARING GREASE
( ) 1.03 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.04 SERVICE MANUAL
( ) 1.05 JACK
( ) 1.06 LIFT
( ) 1.07 STANDS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 REPACK WHEEL BEARINGS EMPLOYING THE FOLLOWING OPERATIONS, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

( ) 2.02 REMOVE WHEEL BEARINGS
( ) 2.03 CLEAN AND INSPECT WHEEL BEARINGS
( ) 2.04 REPACK WHEEL BEARINGS
( ) 2.05 RE-INSTALL WHEEL BEARINGS
( ) 2.06 ADJUST WHEEL BEARINGS

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 WHEEL BEARINGS REPACKED TO MANUFACTURER'S SPECIFICATIONS WITH APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 WHEEL BEARINGS REMOVED
( ) 3.03 WHEEL BEARINGS CLEANED
( ) 3.04 WHEEL BEARINGS REPACKED
( ) 3.05 REPACKED WHEEL BEARINGS REPLACED
( ) 3.06 WHEEL BEARINGS ADJUSTED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 07 SUSPENSION

USOE CODE NO(S) _____

UNIT 03 WHEELBEARINGS

TERMOB NO. 9-038

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 07 SUSPENSION

UNIT 04 SPRINGS

TERMOB NO. 9-039

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE
( ) 1.02 JACK
( ) 1.03 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.04 COIL SPRINGS
( ) 1.05 LEAF SPRINGS
( ) 1.06 SERVICE MANUAL
( ) 1.07 LIFT
( ) 1.08 STANDS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 REPLACE SPRINGS TO THE FOLLOWING PROCEDURE:

( ) 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 SPRINGS INSTALLED WITH ALL BOLTS FASTENED MEETING APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 07 SUSPENSION

USOE CODE NO(S) _____

UNIT 04 SPRINGS

TERMOB NO. 9-039

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 07 SUSPENSION

UNIT 05 WHEEL BALANCING

TERMOB NO. 9-040

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH UNBALANCED WHEELS
( ) 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.03 SERVICE MANUAL
( ) 1.04 BALANCING WEIGHTS
( ) 1.05 WHEEL BALANCING MACHINE

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 BALANCE WHEELS USING DYNAMIC WHEEL BALANCING MACHINE TO THE FOLLOWING PROCEDURE:

( ) 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 WHEELS BALANCED AND OPERATING SMOOTHLY TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 07 SUSPENSION

USOE CODE NO(S) _____

UNIT 05 WHEEL BALANCING

TERMOB NO. 9-040

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 07 SUSPENSION

UNIT 05 WHEEL BALANCING

TERMOB NO. 9-041

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH UNBALANCED WHEELS
( ) 1.02 BASIC MECHANIC'S HAND TOOLS (TABLE T-3)
( ) 1.03 SERVICE MANUAL
( ) 1.04 BALANCING WEIGHTS
( ) 1.05 WHEEL BALANCING MACHINE

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 BALANCE WHEELS USING STATIC WHEEL BALANCING MACHINE TO THE FOLLOWING PROCEDURE:

( ) 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 WHEELS BALANCED AND OPERATING SMOOTHLY TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 07 SUSPENSION

USOE CODE NO(S) _____

UNIT 05 WHEEL BALANCING

TERMOB NO. 9-041

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 07 SUSPENSION

UNIT 06 TIRE MOUNTING

TERMOB NO. 9-042

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH FLAT TIRE
( ) 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.03 JACK
( ) 1.04 TIRE CHANGING MACHINE
( ) 1.05 REPAIR KIT
( ) 1.06 TEST TANK
( ) 1.07 SERVICE MANUAL

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 REPAIR FLAT TUBELESS TIRE TO THE FOLLOWING PROCEDURE:

( ) 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 TIRE IS REPAIRED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 07 SUSPENSION

USOE CODE NO(S) _____

UNIT 06 TIRE MOUNTING

TERMOB NO. 9-042

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 07 SUSPENSION

UNIT 06 TIRE MOUNTING

TERMOB NO. 9-043

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH FLAT TIRE
( ) 1.02 BASIC MECHANIC'S HAND TOOLS (TABLE T-3)
( ) 1.03 JACK
( ) 1.04 TIRE CHANGING MACHINE
( ) 1.05 REPAIR KIT
( ) 1.06 TEST TANK
( ) 1.07 SERVICE MANUAL
( ) 1.08 REPLACEMENT TUBE

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 REPAIR FLAT TIRE WITH TUBE TO THE FOLLOWING PROCEDURE:

( ) 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 TIRE IS REPAIRED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITH FLAT RATE TIME WITH EACH OPERATION JUDGED AS SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 07 SUSPENSION

USOE CODE NO(S) _____

UNIT 06 TIRE MOUNTING

TERMOB NO. 9-043

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 07 SUSPENSION

UNIT 07 STEERING

TERMOB NO. 9-044

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE
( ) 1.02 REPLACEMENT PITMAN SHAFT
( ) 1.03 REPLACEMENT TIE ROD ENDS
( ) 1.04 REPLACEMENT GEAR BOX (STEERING)
( ) 1.05 REPLACEMENT IDLER ARM
( ) 1.06 WHEEL ALIGNMENT MACHINE
( ) 1.07 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.08 LIFT
( ) 1.09 PITMAN ARM PULLER

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 OVERHAUL STEERING SYSTEM EMPLOYING FOLLOWING OPERATION, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

( ) 2.02 REPLACE PITMAN SHAFT
( ) 2.03 REPLACE TIE ROD ENDS
( ) 2.04 REPLACE GEAR BOX (STEERING)
( ) 2.05 REPLACE IDLER ARM
( ) 2.06 ALIGN FRONT END

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 STEERING SYSTEM OVERHAULED AND OPERATING PROPERLY TO APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY

( ) 3.02 PITMAN SHAFT REPLACED
( ) 3.03 TIE ROD ENDS REPLACED
( ) 3.04 GEAR BOX (STEERING) REPLACED
( ) 3.05 IDLER ARM REPLACED
( ) 3.06 FRONT END ALIGNED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 07 SUSPENSION

USOE CODE NO(S) _____

UNIT 07 STEERING

TERMOB NO. 9-044

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 07 SUSPENSION

UNIT 08 LUBRICATION

TERMOB NO. 9-045

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE
( ) 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.03 SERVICE MANUAL
( ) 1.04 OIL
( ) 1.05 OIL FILTER
( ) 1.06 LUBE EQUIPMENT
( ) 1.07 LIFT
( ) 1.08 JACK

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 PERFORM ROUTINE LUBRICATION EMPLOYING FOLLOWING OPERATIONS, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE

( ) 2.02 GREASE ALL LUBE FITTINGS
( ) 2.03 CHANGE CRANKCASE OIL AND FILTER
( ) 2.04 CHECK DIFFERENTIAL FLUID LEVEL
( ) 2.05 CHECK TRANSMISSION FLUID LEVEL
( ) 2.06 LUBE DOOR LATCHES AND HINGES
( ) 2.07 LUBE HOOD AND DECK LATCHES AND HINGES
( ) 2.08 LUBE IGNITION AND DOOR LOCKS

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 VEHICLE IS LUBRICATED WITH APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED AS SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 ALL LUBE FITTINGS ARE GREASED
( ) 3.03 OIL AND FILTER CHANGED
( ) 3.04 FLUID LEVEL IN DIFFERENTIAL CHECKED
( ) 3.05 FLUID LEVEL CHECKED
( ) 3.06 LATCHES AND HINGES LUBED
( ) 3.07 LATCHES AND HINGES LUBED
( ) 3.08 LOCKS LUBED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 07 SUSPENSION

USOE CODE NO(S) _____

UNIT 08 LUBRICATION

TERMOB NO. 9-045

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 08 BRAKES

UNIT 01 DRUM BRAKES

TERMOB NO. 9-046

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH MANUAL DRUM BRAKE SYSTEM
( ) 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.03 SERVICE MANUAL
( ) 1.04 BRAKE TOOLS
( ) 1.05 REPLACEMENT BRAKE SHOES
( ) 1.06 REPLACEMENT BRAKE SPRINGS
( ) 1.07 REPLACEMENT WHEEL CYLINDERS
( ) 1.08 REPLACEMENT MASTER CYLINDER
( ) 1.09 WHEEL CYLINDERS REBUILD KIT
( ) 1.10 MASTER CYLINDER REBUILD KIT
( ) 1.11 REPLACEMENT BRAKE LINE
( ) 1.12 BRAKE FLUID
( ) 1.13 BRAKE DRUM LATHE
( ) 1.14 BRAKE SHOE GRINDER
( ) 1.15 BRAKE SHOE ADJUSTMENT GAUGE

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 OVERHAUL BRAKE SYSTEM EMPLOYING FOLLOWING OPERATIONS, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

( ) 2.02 TURN DOWN BRAKE DRUMS
( ) 2.03 REPLACE BRAKE SHOES
( ) 2.04 REPLACE WORN OR BROKEN BRAKE SPRINGS
( ) 2.05 REPLACE BROKEN, LEAKING OR DENTED BRAKE LINES
( ) 2.06 REPLACE WHEEL CYLINDERS
( ) 2.07 REBUILD WHEEL CYLINDERS
( ) 2.08 REPLACE MASTER CYLINDER
( ) 2.09 REBUILD MASTER CYLINDER
( ) 2.10 INSTALL BRAKE DRUMS
( ) 2.11 BLEED BRAKE SYSTEM
( ) 2.12 BLEED BRAKE WARNING LIGHT
( ) 2.13 ADJUST BRAKES

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 BRAKE SYSTEM WORKING PROPERLY TO APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

( ) 1.01 ANY AUTOMOBILE WITH MANUAL DRUM BRAKE SYSTEM
( ) 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.03 SERVICE MANUAL
( ) 1.04 BRAKE TOOLS
( ) 1.05 REPLACEMENT BRAKE SHOES
( ) 1.06 REPLACEMENT BRAKE SPRINGS
( ) 1.07 REPLACEMENT WHEEL CYLINDERS
( ) 1.08 REPLACEMENT MASTER CYLINDER
( ) 1.09 WHEEL CYLINDERS REBUILD KIT
( ) 1.10 MASTER CYLINDER REBUILD KIT
( ) 1.11 REPLACEMENT BRAKE LINE
( ) 1.12 BRAKE FLUID
( ) 1.13 BRAKE DRUM LATHE
( ) 1.14 BRAKE SHOE GRINDER
( ) 1.15 BRAKE SHOE ADJUSTMENT GAUGE

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 OVERHAUL BRAKE SYSTEM EMPLOYING FOLLOWING OPERATIONS, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

( ) 2.02 TURN DOWN BRAKE DRUMS
( ) 2.03 REPLACE BRAKE SHOES
( ) 2.04 REPLACE WORN OR BROKEN BRAKE SPRINGS
( ) 2.05 REPLACE BROKEN, LEAKING OR DENTED BRAKE LINES
( ) 2.06 REPLACE WHEEL CYLINDERS
( ) 2.07 REBUILD WHEEL CYLINDERS
( ) 2.08 REPLACE MASTER CYLINDER
( ) 2.09 REBUILD MASTER CYLINDER
( ) 2.10 INSTALL BRAKE DRUMS
( ) 2.11 BLEED BRAKE SYSTEM
( ) 2.12 BLEED BRAKE WARNING LIGHT
( ) 2.13 ADJUST BRAKES

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 BRAKE SYSTEM WORKING PROPERLY TO APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 BRAKE DRUMS TURNED DOWN
( ) 3.03 BRAKE SHOES REPLACED
( ) 3.04 WORN BRAKE SPRINGS REPLACED
( ) 3.05 DEFECTIVE BRAKE LINES REPLACED
( ) 3.06 DEFECTIVE WHEEL CYLINDERS REPLACED
( ) 3.07 WHEEL CYLINDERS REBUILT
( ) 3.08 DEFECTIVE MASTER CYLINDER REPLACED
( ) 3.09 MASTER CYLINDER REBUILT
( ) 3.10 BRAKE DRUMS INSTALLED
( ) 3.11 BRAKE SYSTEM BLED
( ) 3.12 BRAKE WARNING LIGHT BLED
( ) 3.13 BRAKES ADJUSTED

7/74

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 08 BRAKES

USOE CODE NO(S) _____

UNIT 01 DRUM BRAKES

TERMOB NO. 9-046

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 08 BRAKES

UNIT 02 DISC BRAKES

TERMOB NO. 9-047

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH DISC BRAKES
( ) 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.03 SERVICE MANUAL
( ) 1.04 REPLACEMENT BRAKE PADS
( ) 1.05 LATHE
( ) 1.06 BRAKE FLUID
( ) 1.07 REPLACEMENT PROPORTIONING VALVE
( ) 1.08 PISTON COMPRESSOR
( ) 1.09 CALIPER OVERHAUL KIT

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 OVERHAUL BRAKE SYSTEM EMPLOYING FOLLOWING OPERATIONS, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

( ) 2.02 REPLACE BRAKE PADS
( ) 2.03 TURN DOWN ROTOR
( ) 2.04 REPLACE PROPORTIONING VALVE
( ) 2.05 REPLACE DEFECTIVE BRAKE LINES
( ) 2.06 REBUILD MASTER CYLINDER
( ) 2.07 REBUILD CALIPERS
( ) 2.08 BLEED BRAKES
( ) 2.09 BLEED BRAKE WARNING LIGHT

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 BRAKE SYSTEM WORKING PROPERLY TO APPROVAL OF BOARD OF EXPERT RATERS. ALL OPERATIONS TO BE COMPLETED WITHIN FLAT RATE TIME WITH PERFORMANCE OF EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 BRAKE PADS REPLACED
( ) 3.03 ROTOR TURNED DOWN
( ) 3.04 PROPORTIONING VALVES REPLACED
( ) 3.05 DEFECTIVE BRAKE LINES REPLACED
( ) 3.06 MASTER CYLINDER REBUILT
( ) 3.07 CALIPERS REBUILT
( ) 3.08 BRAKES BLED
( ) 3.09 BRAKE WARNING LIGHT BLED

164

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

USOE CODE NO(S) _____

DIVISION 08 BRAKES

UNIT 02 DISC BRAKES

TERMOB NO. 9-047

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 08 BRAKES

UNIT 03 POWER ASSIST UNITS

TERMOB NO. 9-048

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH POWER ASSIST BRAKES
( ) 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.03 REPLACEMENT POWER ASSIST UNIT
( ) 1.04 BRAKE FLUID

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 REPLACE POWER ASSIST UNIT EMPLOYING FOLLOWING OPERATION, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

( ) 2.02 REPLACE POWER ASSIST UNIT

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 POWER ASSIST UNIT WORKING PROPERLY TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED AS SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 POWER ASSIST UNIT REPLACED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 08 BRAKES

USOE CODE NO(S) _____

UNIT 03 POWER ASSIST UNITS

TERMOB NO. 9-048

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 09 FUEL SYSTEM

UNIT 01 CARBURETOR

TERMOB NO. 9-049

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE
( ) 1.02 ONE BARREL CARBURETOR
( ) 1.03 TWO BARREL CARBURETOR
( ) 1.04 FOUR BARREL CARBURETOR
( ) 1.05 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.06 CLEANER
( ) 1.07 TACHOMETER
( ) 1.08 TEST EQUIPMENT
( ) 1.09 NEW FLOAT ASSEMBLY
( ) 1.10 NEW NEEDLE VALVE
( ) 1.11 GASKETS AS NEEDED
( ) 1.12 SERVICE MANUAL

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 SERVICE CARBURETOR EMPLOYING FOLLOWING OPERATIONS, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

( ) 2.02 REMOVE CARBURETOR FROM VEHICLE
( ) 2.03 CLEAN CARBURETOR
( ) 2.04 REPLACE FLOAT ASSEMBLY
( ) 2.05 REPLACE NEEDLE VALVE
( ) 2.06 REPLACE CARBURETOR
( ) 2.07 ADJUST MIXTURE AND IDLE SPEED USING TEST EQUIPMENT
( ) 2.08 ADJUST AUTOMATIC CHOKE

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CARBURETOR SERVICED ACCORDING TO MANUFACTURER'S SPECIFICATIONS AND MEETS APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME, WITH EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED AS SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 CARBURETOR REMOVED FROM VEHICLE
( ) 3.03 CARBURETOR CLEANED
( ) 3.04 FLOAT ASSEMBLY REPLACED
( ) 3.05 NEEDLE VALVE REPLACED
( ) 3.06 CARBURETOR REPLACED
( ) 3.07 MIXTURE AND IDLE SPEED PROPERLY ADJUSTED
( ) 3.08 AUTOMATIC CHOKE ADJUSTED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 09 FUEL SYSTEM

USOE CODE NO(S) _____

UNIT 01 CARBURETOR

TERMOB NO. 9-049

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 09 FUEL SYSTEM

UNIT 02 FUEL LINES

TERMOB NO. 9-050

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE
( ) 1.02 SERVICE MANUAL
( ) 1.03 FUEL LINES
( ) 1.04 BASIC MECHANIC'S TOOLS (TABLE T-3)

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 REPAIR GAS LEAK IN FUEL LINES EMPLOYING ONE OF THE FOLLOWING OPERATIONS EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

( ) 2.02 REPLACE WITH STEEL LINES
( ) 2.03 REPLACE WITH FLEXIBLE LINES

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 ALL GAS LEAKS REPAIRED WITH APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME, WITH EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED AS SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 FUEL LINE REPLACED
( ) 3.03 FUEL LINE REPLACED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 09 FUEL SYSTEM

USOE CODE NO(S) _____

UNIT 02 FUEL LINES

TERMOB NO. 9-050

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 09 FUEL SYSTEM

UNIT 03 FUEL PUMP

TERMOB NO. 9-051

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH MALFUNCTIONING FUEL PUMP
( ) 1.02 SERVICE MANUAL
( ) 1.03 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.04 **NEW FUEL PUMP**

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 REPLACE FUEL PUMP TO THE FOLLOWING PROCEDURE:

( ) 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 FUEL PUMP REPLACED AND OPERATING IN COMPLIANCE WITH MANUFACTURER'S SPECIFICATIONS MEETING APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED AS SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 09 FUEL SYSTEM

USOE CODE NO(S) _____

UNIT 03 FUEL PUMP

TERMOB NO. 9-051

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 09 FUEL SYSTEM

UNIT 04 FUEL TANK

TERMOB NO. 9-052

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH LEAKING GAS TANK
( ) 1.02 GAS TANK
( ) 1.03 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.04 SERVICE MANUAL

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 REPAIR LEAKING GAS TANK EMPLOYING THE FOLLOWING OPERATIONS, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 GAS TANK REPAIRED AND NOT LEAKING WITH APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED AS SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 09 FUEL SYSTEM

USOE CODE NO(S) _____

UNIT 04 FUEL TANK

TERMOB NO. 9-052

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MiSOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 09 FUEL SYSTEM

UNIT 05 FUEL GAUGE

TERMOB NO. 9-053

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH MALFUNCTIONING FUEL GAUGE
( ) 1.02 FUEL GAUGE SENDING UNIT
( ) 1.03 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.04 SERVICE MANUAL
( ) 1.05 FUEL GAUGE DASH UNIT

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 REMEDY MALFUNCTIONING FUEL GAUGE EMPLOYING THE FOLLOWING OPERATIONS, EACH PERFORMED TO MANUFACTURER'S SPECIFIED PROCEDURE:

( ) 2.02 CHECK AND SECURE ALL FUEL GAUGE CONNECTIONS
( ) 2.03 REPLACE FUEL GAUGE SENDING UNIT
( ) 2.04 REPLACE FUEL GAUGE DASH UNIT

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 FUEL GAUGE FUNCTIONING PROPERLY MEETING APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH OPERATION AND EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED AS SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 ALL FUEL GAUGE CONNECTIONS ARE SECURED
( ) 3.03 FUEL GAUGE SENDING UNIT REPLACED
( ) 3.04 FUEL GAUGE DASH UNIT REPLACED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 09 FUEL SYSTEM

USOE CODE NO(S) _____

UNIT 05 FUEL GAUGE

TERMOB NO. 9-053

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 09 FUEL SYSTEM

UNIT 06 FUEL FILTER

TERMOB NO. 9-054

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE
( ) 1.02 FUEL FILTER
( ) 1.03 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.04 SERVICE MANUAL

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 REPLACE FUEL FILTER TO THE FOLLOWING PROCEDURE:

( ) 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 FUEL FILTER REPLACED MEETING APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED AS SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS DIVISION 09 FUEL SYSTEM

USOE CODE NO(S) _____ UNIT 06 FUEL FILTER

_____ TERMOB NO. 9-054

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1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 09 FUEL SYSTEM

UNIT 07 AIR FILTERS

TERMOB NO. 9-055

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE
( ) 1.02 AIR CLEANER
( ) 1.03 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.04 SERVICE MANUAL

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 REPLACE AIR CLEANER TO THE FOLLOWING PROCEDURE:

( ) 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 AIR CLEANER REPLACED MEETING APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED AS SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 09 FUEL SYSTEM

USOE CODE NO(S) _____

UNIT 07 AIR FILTERS

TERMOB NO. 9-055

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 10 DIAGNOSES

UNIT 01 ENGINE

TERMOB NO. 9-056

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH ENGINE FAILING TO START
( ) 1.02 STARTER MOTOR DOESN'T TURN
( ) 1.03 STARTER TURNS, ENGINE DOESN'T
( ) 1.04 STARTER TURNS, ENGINE VERY SLOWLY
( ) 1.05 STARTER TURNS, ENGINE NORMALLY
( ) 1.06 STARTER TURNS, ENGINE VERY QUICKLY
( ) 1.07 ENGINE FIRES INTERMITTENTLY
( ) 1.08 ENGINE FIRES CONSISTENTLY
( ) 1.09 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.10 SERVICE MANUAL
( ) 1.11 HYDROMETER
( ) 1.12 DWELL METER
( ) 1.13 COMPRESSION TESTER
( ) 1.14 VOLTMETER
( ) 1.15 OHMMETER

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 DIAGNOSE CAUSE FOR ENGINE FAILING TO START TO THE FOLLOWING PROCEDURE:

( ) 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CAUSE FOR ENGINE FAILING TO START CORRECTLY DIAGNOSED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED AS SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS DIVISION 10 DIAGNOSES

USOE CODE NO(S) _____ UNIT 01 ENGINE

_____ TERMOB NO. 9-056

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_____

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1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 10 DIAGNOSES

UNIT 01 ENGINE

TERMOB NO. 9-057

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH ENGINE RUNNING POORLY
( ) 1.02 ENGINE STARTS HARD
( ) 1.03 ENGINE IDLES ROUGH
( ) 1.04 ENGINE STALLS
( ) 1.05 ENGINE DIES AT HIGH SPEEDS
( ) 1.06 ENGINE HESITATES (ON ACCELERATION FROM STANDING STOP)
( ) 1.07 POOR PICKUP
( ) 1.08 LACK OF POWER
( ) 1.09 BACKFIRES THROUGH THE CARBURETOR
( ) 1.10 BACKFIRES THROUGH THE EXHAUST
( ) 1.11 BLUE EXHAUST GASES
( ) 1.12 BLACK EXHAUST GASES
( ) 1.13 ENGINE RUNS ON AFTER IGNITION IS TURNED OFF
( ) 1.14 SUSCEPTIBLE TO MOISTURE
( ) 1.15 ENGINE MISFIRES UNDER LOAD
( ) 1.16 ENGINE MISFIRES AT SPEED
( ) 1.17 ENGINE MISFIRES AT IDLE
( ) 1.18 TACH-DWELL
( ) 1.19 TIMING LIGHT
( ) 1.20 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.21 VACUUM TESTER
( ) 1.22 COMPRESSION TESTER
( ) 1.23 OSCILLOSCOPE
( ) 1.24 EXHAUST ANALYZER/COMBUSTION EFFICIENCY
( ) 1.25 SERVICE MANUAL

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 DIAGNOSE CAUSE FOR POOR RUNNING ENGINE TO THE FOLLOWING PROCEDURE:

( ) 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CAUSE FOR POOR RUNNING ENGINE CORRECTLY DIAGNOSED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED AS SATISFACTORY OR UNSATISFACTORY.

( ) 1.01 ANY AUTOMOBILE WITH ENGINE RUNNING POORLY
( ) 1.02 ENGINE STARTS HARD
( ) 1.03 ENGINE IDLES ROUGH
( ) 1.04 ENGINE STALLS
( ) 1.05 ENGINE DIES AT HIGH SPEEDS
( ) 1.06 ENGINE HESITATES (ON ACCELERATION FROM STANDING STOP)
( ) 1.07 POOR PICKUP
( ) 1.08 LACK OF POWER
( ) 1.09 BACKFIRES THROUGH THE CARBURETOR
( ) 1.10 BACKFIRES THROUGH THE EXHAUST
( ) 1.11 BLUE EXHAUST GASES
( ) 1.12 BLACK EXHAUST GASES
( ) 1.13 ENGINE RUNS ON AFTER IGNITION IS TURNED OFF
( ) 1.14 SUSCEPTIBLE TO MOISTURE
( ) 1.15 ENGINE MISFIRES UNDER LOAD
( ) 1.16 ENGINE MISFIRES AT SPEED
( ) 1.17 ENGINE MISFIRES AT IDLE
( ) 1.18 TACH-DWELL
( ) 1.19 TIMING LIGHT
( ) 1.20 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.21 VACUUM TESTER
( ) 1.22 COMPRESSION TESTER
( ) 1.23 OSCILLOSCOPE
( ) 1.24 EXHAUST ANALYZER/COMBUSTION EFFICIENCY
( ) 1.25 SERVICE MANUAL

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 DIAGNOSE CAUSE FOR POOR RUNNING ENGINE TO THE FOLLOWING PROCEDURE:

( ) 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CAUSE FOR POOR RUNNING ENGINE CORRECTLY DIAGNOSED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED AS SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 10 DIAGNOSES

USOE CODE NO(S) _____

UNIT 01 ENGINE

TERMOB NO. 9-057

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 10 DIAGNOSES

UNIT 01 ENGINE

TERMOB NO. 9-058

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH NOISY ENGINE
( ) 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.03 SERVICE MANUAL
( ) 1.04 COMPRESSION TESTER
( ) 1.05 VACUUM TESTER
( ) 1.06 OSCILLOSCOPE
( ) 1.07 COMBUSTION EFFICIENCY GAUGE
( ) 1.08 TIMING LIGHT
( ) 1.09 TACH-DWELL METER
( ) 1.10 METALLIC GRIND WHILE STARTING
( ) 1.11 CONSTANT GRIND OR RUMBLE
( ) 1.12 CONSTANT ENGINE KNOCK
( ) 1.13 ENGINE KNOCKS UNDER LOAD
( ) 1.14 ENGINE DOUBLE KNOCKS
( ) 1.15 METALLIC TAP
( ) 1.16 SCRAPING NOISE
( ) 1.17 CONSTANT TICK
( ) 1.18 ENGINE SQUEAKS
( ) 1.19 HISS OR ROAR NOISE
( ) 1.20 WHISTLE NOISE
( ) 1.21 WHEEZE NOISE

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 DIAGNOSE ENGINE NOISE TO THE FOLLOWING PROCEDURE:

( ) 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 ENGINE NOISE CORRECTLY DIAGNOSED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED AS SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

USOE CODE NO(S) _____

DIVISION 10 DIAGNOSES

UNIT 01 ENGINE

TERMOB NO. 9-058

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 10 DIAGNOSES

UNIT 02 MANUAL TRANSMISSION

TERMOB NO. 9-059

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH MALFUNCTIONING MANUAL TRANSMISSION
( ) 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.03 SERVICE MANUAL
( ) 1.04 JUMPING OUT OF HIGH GEAR
( ) 1.05 STICKING IN HIGH GEAR
( ) 1.06 JUMPING OUT OF SECOND GEAR
( ) 1.07 STICKING IN SECOND GEAR
( ) 1.08 JUMPING OUT OF LOW GEAR
( ) 1.09 STICKING IN LOW GEAR
( ) 1.10 JUMPING OUT OF REVERSE GEAR
( ) 1.11 STICKING IN REVERSE GEAR
( ) 1.12 FAILURE OF GEARS TO SYNCHRONIZE
( ) 1.13 GEARS SPINNING WHEN SHIFTING INTO GEAR FROM NEUTRAL

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 DIAGNOSE MALFUNCTIONING MANUAL TRANSMISSION TO THE FOLLOWING PROCEDURE:

( ) 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 MALFUNCTIONING MANUAL TRANSMISSION CORRECTLY DIAGNOSED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED AS SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 10 DIAGNOSES

USOE CODE NO(S) _____

UNIT 02 MANUAL TRANSMISSION

TERMOB NO. 9-059

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____ 191

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 10 DIAGNOSES

UNIT 03 AUTOMATIC TRANSMISSION

TERMOB NO. 9-060

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH MALFUNCTIONING AUTOMATIC TRANSMISSION
( ) 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.03 SERVICE MANUAL
( ) 1.04 NO DRIVE IN ANY SELECTOR POSITION
( ) 1.05 ERRATIC OPERATION AND SLIPPAGE - LIGHT ACCELERATION
( ) 1.06 SLIPPAGE OR FLARE COASTING TO STOP OR CORNERING
( ) 1.07 SLUGGISH STANDING START
( ) 1.08 NO REVERSE
( ) 1.09 SLIPS IN ANY RANGE
( ) 1.10 HARSH NEUTRAL TO DOWNSHIFT AT IDLE
( ) 1.11 NO UPSHIFT
( ) 1.12 LONG SHIFT TIME - NOT POSITIVE ENGAGEMENT
( ) 1.13 ENGINE FLARES ON UPSHIFT
( ) 1.14 LATE UPSHIFT
( ) 1.15 ERRATIC UP OR DOWN SHIFTS
( ) 1.16 NO WIDE OPEN THROTTLE DOWNSHIFT
( ) 1.17 ENGINE FLARES ON WIDE OPEN THROTTLE DOWNSHIFT
( ) 1.18 DELAYED ENGAGEMENT IN MANUAL LOW
( ) 1.19 NO STATOR ACTION
( ) 1.20 OIL SURGES OUT BREATHER
( ) 1.21 TRANSMISSION OVERHEATS
( ) 1.22 DRAGS OR LOCKS
( ) 1.23 PRESSURE GAUGES
( ) 1.24 HAND VACUUM PUMP

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 DIAGNOSE MALFUNCTIONING AUTOMATIC TRANSMISSION TO THE FOLLOWING PROCEDURE:

( ) 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 MALFUNCTIONING AUTOMATIC TRANSMISSION CORRECTLY DIAGNOSED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED AS SATISFACTORY OR UNSATISFACTORY.

( ) 1.01 ANY AUTOMOBILE WITH MALFUNCTIONING AUTOMATIC TRANSMISSION
( ) 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.03 SERVICE MANUAL
( ) 1.04 NO DRIVE IN ANY SELECTOR POSITION
( ) 1.05 ERRATIC OPERATION AND SLIPPAGE - LIGHT ACCELERATION
( ) 1.06 SLIPPAGE OR FLARE COASTING TO STOP OR CORNERING
( ) 1.07 SLUGGISH STANDING START
( ) 1.08 NO REVERSE
( ) 1.09 SLIPS IN ANY RANGE
( ) 1.10 HARSH NEUTRAL TO DOWNSHIFT AT IDLE
( ) 1.11 NO UPSHIFT
( ) 1.12 LONG SHIFT TIME - NOT POSITIVE ENGAGEMENT
( ) 1.13 ENGINE FLARES ON UPSHIFT
( ) 1.14 LATE UPSHIFT
( ) 1.15 ERRATIC UP OR DOWN SHIFTS
( ) 1.16 NO WIDE OPEN THROTTLE DOWNSHIFT
( ) 1.17 ENGINE FLARES ON WIDE OPEN THROTTLE DOWNSHIFT
( ) 1.18 DELAYED ENGAGEMENT IN MANUAL LOW
( ) 1.19 NO STATOR ACTION
( ) 1.20 OIL SURGES OUT BREATHER
( ) 1.21 TRANSMISSION OVERHEATS
( ) 1.22 DRAGS OR LOCKS
( ) 1.23 PRESSURE GAUGES
( ) 1.24 HAND VACUUM PUMP

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 DIAGNOSE MALFUNCTIONING AUTOMATIC TRANSMISSION TO THE FOLLOWING PROCEDURE:

( ) 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 MALFUNCTIONING AUTOMATIC TRANSMISSION CORRECTLY DIAGNOSED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED AS SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 10 DIAGNOSES

USOE CODE NO(S) _____

UNIT 03 AUTOMATIC TRANSMISSION

TERMOB NO. 9-060

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 10 DIAGNOSES

UNIT 04 DRIVE AXLES AND DIFFERENTIAL

TERMOB NO. 9-061

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH MALFUNCTIONING DRIVE AXLES AND DIFFERENTIAL
( ) 1.02 SERVICE MANUAL
( ) 1.03 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.04 NOISES
( ) 1.05 OVERHEATING OF UNIT
( ) 1.06 LOSS OF LUBRICANT
( ) 1.07 EXCESSIVE BACKLASH
( ) 1.08 LIMITED SLIP DIFFERENTIAL - ONLY ONE WHEEL SPINS
( ) 1.09 LIMITED SLIP DIFFERENTIAL - CHATTER ON TURNS

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 DIAGNOSE MALFUNCTIONING DRIVE AXLES AND DIFFERENTIAL TO THE FOLLOWING PROCEDURE:

( ) 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 DRIVE AXLE AND DIFFERENTIAL CORRECTLY DIAGNOSED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED AS SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 10 DIAGNOSES

USOE CODE NO(S) _____

UNIT 04 DRIVE AXLES AND DIFFERENTIAL

TERMOB NO. 9-061

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 10 DIAGNOSES

UNIT 05 BRAKES

TERMOB NO. 9-062

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH MALFUNCTIONING BRAKES
( ) 1.02 SERVICE MANUAL
( ) 1.03 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.04 LOW BRAKE PEDAL
( ) 1.05 SPRINGY BRAKE PEDAL
( ) 1.06 HARD BRAKE PEDAL
( ) 1.07 FADING BRAKE PEDAL
( ) 1.08 GRABBING OR PULLING
( ) 1.09 NOISES
( ) 1.10 CHATTER OR SHUDDER
( ) 1.11 DRAGGING BRAKES

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 DIAGNOSE MALFUNCTIONING BRAKES TO THE FOLLOWING PROCEDURE:

( ) 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CAUSE FOR MALFUNCTIONING BRAKES CORRECTLY DIAGNOSED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED AS SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 10 DIAGNOSES

USOE CODE NO(S) _____

UNIT 05 BRAKES

TERMOB NO. 9-062

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 10 DIAGNOSES

UNIT 06 FRONT SUSPENSION

TERMOB NO. 9-063

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH MALFUNCTIONING FRONT
( ) 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.03 SERVICE MANUAL
( ) 1.04 HARD RIDE
( ) 1.05 SOFT RIDE
( ) 1.06 CAR VEERS TO ONE SIDE
( ) 1.07 CAR WANDERS
( ) 1.08 HARD OR ERRATIC STEERING
( ) 1.09 TIRES WEAR IN CENTER
( ) 1.10 TIRES WEAR ON BOTH EDGES
( ) 1.11 TIRES WEAR UNEVENLY ON ONE EDGE
( ) 1.12 TIRES WEAR EVENLY ON ONE EDGE
( ) 1.13 TIRES WEAR UNEQUALLY
( ) 1.14 SQUEAL ON CORNERING

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 DIAGNOSE MALFUNCTION IN FRONT SUSPENSION TO THE FOLLOWING PROCEDURE:

( ) 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 CAUSE FOR MALFUNCTION IN FRONT SUSPENSION CORRECTLY DIAGNOSED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED AS SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 10 DIAGNOSES

USOE CODE NO(S) _____

UNIT 06 FRONT SUSPENSION

TERMOB NO. 9-063

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 10 DIAGNOSES

UNIT 07 MANUAL STEERING

TERMOB NO. 9-064

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH MALFUNCTION IN MANUAL STEERING
( ) 1.02 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.03 SERVICE MANUAL
( ) 1.04 HARD STEERING
( ) 1.05 EXCESSIVE PLAY OR LOOSENESS IN STEERING WHEEL

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME
( ) 2.01 DIAGNOSE MALFUNCTION IN MANUAL STEERING TO THE FOLLOWING PROCEDURE:

( ) 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME
( ) 3.01 CAUSE FOR MALFUNCTION IN MANUAL STEERING CORRECTLY DIAGNOSED TO THE APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED AS SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 10 DIAGNOSES

USOE CODE NO(S) _____

UNIT 07 MANUAL STEERING

TERMOB NO. 9-064

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 10 DIAGNOSES

UNIT 08 POWER STEERING

TERMOB NO. 9-065

1.00 CONDITION

( ) 1.01 ANY AUTOMOBILE WITH MALFUNCTION IN POWER STEERING
( ) 1.02 SERVICE MANUAL
( ) 1.03 BASIC MECHANIC'S TOOLS (TABLE T-3)
( ) 1.04 HARD STEERING
( ) 1.05 LOOSE STEERING
( ) 1.06 VEER OR WANDER
( ) 1.07 WHEEL OSCILLATION
( ) 1.08 NOISES
( ) 1.09 PRESSURE GAUGE

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

( ) 2.01 DIAGNOSE MALFUNCTIONING POWER STEERING TO THE FOLLOWING PROCEDURE:

( ) 2.02 PROCEDURE AS SPECIFIED IN SERVICE MANUAL

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

( ) 3.01 MALFUNCTIONING POWER STEERING CORRECTLY DIAGNOSED TO APPROVAL OF BOARD OF EXPERT RATERS. TO BE COMPLETED WITHIN FLAT RATE TIME WITH EACH STEP OF MANUFACTURER'S PROCEDURE JUDGED AS SATISFACTORY OR UNSATISFACTORY.

( ) 3.02 EACH SPECIFIED STEP IS SATISFACTORILY COMPLETED

MISOE NO. _____

PROGRAM AUTOMOTIVE MECHANICS

DIVISION 10 DIAGNOSES

USOE CODE NO(S) _____

UNIT 08 POWER STEERING

TERMOB NO. 9-065

1.00 CONDITION

2.00 PERFORMANCE

GENERAL STATEMENT OF PERFORMANCE AND RESULTING OUTCOME

3.00 EXTENT

GENERAL STATEMENT OF EXTENT AND EXTENT OF RESULTING OUTCOME

TABLE T-3

BASIC MECHANIC'S TOOLS

WRENCHES, OPEN
WRENCHES, BOX END
WRENCHES, ADJUSTABLE
SOCKET SET INCLUDING STANDARD SOCKETS,
  DEEP SOCKETS, RATCHETS, EXTENSIONS,
  ADAPTORS
PLIERS, SLIP JOINT
PLIERS, NEEDLE NOSED
WIRE CUTTER
WIRE STRIPPER
HACK SAW
HAMMER
SCREW DRIVERS, STANDARD
SCREW DRIVERS, PHILLIPS
SCREW DRIVERS, INSULATED
SCREW DRIVERS, CLUTCH HEAD
HEX-DRIVE UNIT WITH SOCKETS
ALLEN WRENCHES
FEELER GAUGES
IGNITION WRENCHES
FILE, FLAT
FILE, ROUND
FILE, TRIANGULAR
CENTER PUNCH
CHISELS
TORQUE WRENCH
KNIFE
DRIFT PUNCHES (STEEL & BRASS)
SAFETY GLASSES

TABLE T-3A

AIR CONDITIONING TOOLS

SET OF OPEN END WRENCHES (3/8" TO 1")
RATCHET DRIVE SOCKET SET, 1/4" DRIVE
(3/8" TO 3/4")
SLIP JOINT PLIERS
CUTTING PLIERS
HAMMER, 3 OZ.
SET OF SCREWDRIVERS
LEAK DETECTORS
FLAME TEST TYPE
ELECTRONIC TYPE
INTERNAL CHARGE TYPE
MANIFOLD GAUGE SET
CANS OF REFRIGERANT
VACUUM PUMP
UNIVERSAL HANDLE
PULLY BEARING INSTALLER
SNAP RING PLIERS
SEAL SEAT REMOVER
SEAL REMOVER AND INSTALLER

Table T-4 (Cont'd) Additional TERMOB Performance Statements

This form is provided for the addition of TERMOB performance statements to ensure more complete coverage of your program. Please provide a comprehensive performance statement (coded 2.01 on each TERMOB) for each area of deficiency that you have identified.

The performance statement need only be listed identified by the division and unit numbers of the deficient areas; the conditions and extents will be incorporated later.

8. Division_____ Performance Statement_____
   Unit_____ _____
   _____
   _____

9. Division_____ Performance Statement_____
   Unit_____ _____
   _____
   _____

10. Division_____ Performance Statement_____
    Unit_____ _____
    _____
    _____

11. Division_____ Performance Statement_____
    Unit_____ _____
    _____
    _____

12. Division_____ Performance Statement_____
    Unit_____ _____
    _____
    _____

13. Division_____ Performance Statement_____
    Unit_____ _____
    _____

the division and unit numbers of the deficient areas; the conditions and extents will be incorporated later.

8. Division_____ Performance Statement_____

Unit_____

9. Division_____ Performance Statement_____

Unit_____

10. Division_____ Performance Statement_____

Unit_____

11. Division_____ Performance Statement_____

Unit_____

12. Division_____ Performance Statement_____

Unit_____

13. Division_____ Performance Statement_____

Unit_____

14. Division_____ Performance Statement_____

Unit_____

Table T-4 Additional TERMOB Performance Statements

This form is provided for the addition of TERMOB performance statements to ensure more complete coverage of your program. Please provide a comprehensive performance statement (coded 2.01 on each TERMOB) for each area of deficiency that you have identified.

The performance statement need only be listed identified by the division and unit numbers of the deficient areas; the conditions and extents will be incorporated later.

1. Division_____ Performance Statement_____

   Unit_____ _____

   _____

   _____

2. Division_____ Performance Statement_____

   Unit_____ _____

   _____

   _____

3. Division_____ Performance Statement_____

   Unit_____ _____

   _____

   _____

4. Division_____ Performance Statement_____

   Unit_____ _____

   _____

   _____

5. Division_____ Performance Statement_____

   Unit_____ _____

   _____

   _____

6. Division_____ Performance Statement_____

   Unit_____ _____

   _____

   _____

the division and unit numbers of the deficient areas; the conditions and extents will be incorporated later.

1. Division_____ Performance Statement_____
   Unit_____ _____
   _____
   _____

2. Division_____ Performance Statement_____
   Unit_____ _____
   _____
   _____

3. Division_____ Performance Statement_____
   Unit_____ _____
   _____
   _____

4. Division_____ Performance Statement_____
   Unit_____ _____
   _____
   _____

5. Division_____ Performance Statement_____
   Unit_____ _____
   _____
   _____

6. Division_____ Performance Statement_____
   Unit_____ _____
   _____
   _____

7. Division_____ Performance Statement_____
   Unit_____ _____
   _____
   _____

INDEX OF TERMOB STATEMENTS

PROGRAM: AUTOMOTIVE MECHANICS

TERMOB NO.		PAGE
9-001	REPLACE WATER PUMP	T-8
9-002	PERFORM ROUTINE MAINTENANCE ON COOLING SYSTEM	T-10
9-003	PERFORM VALVE JOB	T-12
9-004	REPLACE MAIN CRANKSHAFT BEARINGS	T-16
9-005	OVERHAUL CYLINDERS	T-18
9-006	REPLACE TIMING CHAIN	T-22
9-007	REMEDY POOR ENGINE LUBRICATION	T-24
9-008	ADJUST SHIFT LINKAGE	T-26
9-009	REPLACE ALL SYNCHRONIZER ASSEMBLIES	t-28
9-010	REPLACE CLUTCH ASSEMBLY	T-30
9-011	REPLACE CLUTCH BEARINGS	T-32
9-012	REPLACE FRONT AND REAR TRANSMISSION SEALS	T-34
9-013	PERFORM ROUTINE MAINTENANCE ON AUTOMATIC TRANSMISSION	T-36
9-014	REPLACE TRANSMISSION SEALS	T-38
9-015	ADJUST AUTOMATIC TRANSMISSION LINKAGE	T-42
9-016	VISUALLY INSPECT AIR CONDITIONING SYSTEM FOR CAUSES OF POSSIBLE MALFUNCTION	T-44
9-017	OPERATIONALLY TEST AIR CONDITIONING SYSTEM FOR CAUSES OF POSSIBLE MALFUNCTION	T-46
9-018	TEST AIR CONDITIONING SYSTEM FOR LEAKS	T-48
9-019	DISCHARGE AIR CONDITIONING SYSTEM	T-50
9-020	REPAIR LEAKS IN AIR CONDITIONING SYSTEM	T-52
9-021	EVACUATE AIR CONDITIONING SYSTEM	T-54
9-022	RECHARGE AIR CONDITIONING SYSTEM	T-56
9-023	REPLACE UNIVERSAL JOINTS	T-58
9-024	REPLACE REAR AXLES	T-60
9-025	REPLACE REAR AXLE SEALS	T-62
9-026	SERVICE EXHAUST EMISSION SYSTEM	T-64

9-004	REPLACE MAIN CRANKSHAFT BEARINGS	T-16
9-005	OVERHAUL CYLINDERS	T-18
9-006	REPLACE TIMING CHAIN	T-22
9-007	REMEDY POOR ENGINE LUBRICATION	T-24
9-008	ADJUST SHIFT LINKAGE	T-26
9-009	REPLACE ALL SYNCHRONIZER ASSEMBLIES	t-28
9-010	REPLACE CLUTCH ASSEMBLY	T-30
9-011	REPLACE CLUTCH BEARINGS	T-32
9-012	REPLACE FRONT AND REAR TRANSMISSION SEALS	T-34
9-013	PERFORM ROUTINE MAINTENANCE ON AUTOMATIC TRANSMISSION	T-36
9-014	REPLACE TRANSMISSION SEALS	T-38
9-015	ADJUST AUTOMATIC TRANSMISSION LINKAGE	T-42
9-016	VISUALLY INSPECT AIR CONDITIONING SYSTEM FOR CAUSES OF POSSIBLE MALFUNCTION	T-44
9-017	OPERATIONALLY TEST AIR CONDITIONING SYSTEM FOR CAUSES OF POSSIBLE MALFUNCTION	T-46
9-018	TEST AIR CONDITIONING SYSTEM FOR LEAKS	T-48
9-019	DISCHARGE AIR CONDITIONING SYSTEM	T-50
9-020	REPAIR LEAKS IN AIR CONDITIONING SYSTEM	T-52
9-021	EVACUATE AIR CONDITIONING SYSTEM	T-54
9-022	RECHARGE AIR CONDITIONING SYSTEM	T-56
9-023	REPLACE UNIVERSAL JOINTS	T-58
9-024	REPLACE REAR AXLES	T-60
9-025	REPLACE REAR AXLE SEALS	T-62
9-026	SERVICE EXHAUST EMISSION SYSTEM	T-64
9-027	REPLACE P.C.V. VALVE	T-66
9-028	REPAIR EXHAUST LEAKS (MUFFLERS)	T-68
9-066	REPAIR EXHAUST LEAKS (MANIFOLD)	T-70
9-029	TEST THE STARTER	T-72
9-030	REPAIR STARTER	T-74
9-031	CHECK CHARGING SYSTEM	T-76

INDEX OF TERMOB STATEMENTS (CONT'D)

PROGRAM: AUTOMOTIVE MECHANICS

TERMOB NO.		PAGE
9-032	REMEDY MALFUNCTIONING CHARGING SYSTEM	T-78
9-033	REMEDY MALFUNCTIONING LIGHTING SYSTEM	T-80
9-034	REMEDY MALFUNCTIONING ELECTRICAL ACCESSORIES	T-82
9-035	PERFORM IGNITION SYSTEM TUNE UP	T-86
9-036	REPLACE ALL SHOCK ABSORBERS	T-90
9-037	OVERHAUL FRONT END	T-92
9-038	REPACK WHEEL BEARINGS	T-94
9-039	REPLACE SPRINGS	T-96
9-040	BALANCE WHEELS USING DYNAMIC WHEEL BALANCING MACHINE	T-98
9-041	BALANCE WHEELS USING STATIC WHEEL BALANCING MACHINE	T-100
9-042	REPAIR FLAT TUBELESS TIRE	T-102
9-043	REPAIR FLAT TIRE WITH TUBE	T-104
9-044	OVERHAUL STEERING SYSTEM	T-106
9-045	PERFORM ROUTINE LUBRICATION	T-108
9-046	OVERHAUL BRAKE SYSTEM (DRUM)	T-110
9-047	OVERHAUL BRAKE SYSTEM (DISC)	T-112
9-048	REPLACE POWER ASSIST UNIT	T-114
9-049	SERVICE CARBURETOR	T-116
9-050	REPAIR GAS LEAK IN FUEL LINES	T-118
9-051	REPLACE FUEL PUMP	T-120
9-052	REPAIR LEAKING GAS TANK	T-122
9-053	REMEDY MALFUNCTIONING FUEL GAUGE	T-124
9-054	REPLACE FUEL FILTER	T-126
9-055	REPLACE AIR CLEANER	T-128
9-056	DIAGNOSE CAUSE FOR ENGINE FAILING TO START	T-130
9-057	DIAGNOSE CAUSE FOR POOR RUNNING ENGINE	T-132
9-058	DIAGNOSE ENGINE NOISE	T-134

9-035	PERFORM IGNITION SYSTEM TUNE UP	T-86
9-036	REPLACE ALL SHOCK ABSORBERS	T-90
9-037	OVERHAUL FRONT END	T-92
9-038	REPACK WHEEL BEARINGS	T-94
9-039	REPLACE SPRINGS	T-96
9-040	BALANCE WHEELS USING DYNAMIC WHEEL BALANCING MACHINE	T-98
9-041	BALANCE WHEELS USING STATIC WHEEL BALANCING MACHINE	T-100
9-042	REPAIR FLAT TUBELESS TIRE	T-102
9-043	REPAIR FLAT TIRE WITH TUBE	T-104
9-044	OVERHAUL STEERING SYSTEM	T-106
9-045	PERFORM ROUTINE LUBRICATION	T-108
9-046	OVERHAUL BRAKE SYSTEM (DRUM)	T-110
9-047	OVERHAUL BRAKE SYSTEM (DISC)	T-112
9-048	REPLACE POWER ASSIST UNIT	T-114
9-049	SERVICE CARBURETOR	T-116
9-050	REPAIR GAS LEAK IN FUEL LINES	T-118
9-051	REPLACE FUEL PUMP	T-120
9-052	REPAIR LEAKING GAS TANK	T-122
9-053	REMEDY MALFUNCTIONING FUEL GAUGE	T-124
9-054	REPLACE FUEL FILTER	T-126
9-055	REPLACE AIR CLEANER	T-128
9-056	DIAGNOSE CAUSE FOR ENGINE FAILING TO START	T-130
9-057	DIAGNOSE CAUSE FOR POOR RUNNING ENGINE	T-132
9-058	DIAGNOSE ENGINE NOISE	T-134
9-059	DIAGNOSE MALFUNCTIONING MANUAL TRANSMISSION	T-136
9-060	DIAGNOSE MALFUNCTIONING AUTOMATIC TRANSMISSION	T-138
9-061	DIAGNOSE MALFUNCTIONING DRIVE AXLES AND DIFFERENTIAL	T-140
9-062	DIAGNOSE MALFUNCTIONING BRAKES	T-142
9-063	DIAGNOSE MALFUNCTION IN FRONT SUSPENSION	T-144

INDEX OF TERMOB STATEMENTS (CONT'D)

PROGRAM: AUTOMOTIVE MECHANICS

TERMOB NO.		PAGE
9-064	DIAGNOSE MALFUNCTION IN MANUAL STEERING	T-146
9-065	DIAGNOSE MALFUNCTIONING POWER STEERING	T-148